



QCWA Journal

Quarter Century Wireless Association - Founded in 1947

Published Quarterly • \$5.00 • SPRING 2006 • Vol. 55, No. 1



(Photographs Courtesy of Neil Koven)

Quarter Century Wireless Association
PO Box 3247
Framingham, MA 01705-3247

NON PROFIT
U.S. POSTAGE
PAID
MELBOURNE, FL
PERMIT NO. 773

Change Service Requested

Member Supplies

CERTIFICATES

Membership Certificates are numbered in serial order and are issued to each member. Numbers are not reissued except to the same member to whom they were first issued.

- **QCWA Gold Certificates** celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license.
- **Gold Certificates** are issued in five-year increments; 55, 60, 65, and 70-year certificates free of charge to eligible members. Special awards are issued for 75 years and higher.
- **Fifty-Year Continuous Licensing Gold Certificate** available to eligible members. Requires submission of proof of continuous licensing. There is a \$5.00 fee for this certificate. Applications are available from QCWA Headquarters.
- **QCWA Century Club Certificate** is issued to QCWA members whose age, when added to their number of years as a QCWA member totals 100 or more. No charge for this certificate.
- **Meritorious Award Certificate** is issued by Headquarters upon request of any active QCWA chapter. One such award is authorized for each chapter each year. The award may be given to recognize unusual dedication to QCWA or amateur radio. No charge for the award.

OPERATING AWARDS

The Activities Manager issues QCWA Operating Award Certificates to QCWA members. Proof of eligibility is required.

- **QCWA Worked 50 States Awards** are issued to QCWA members who have contacted members in each state of the union.
- **QCWA Worked 100 Members Awards** are issued to QCWA members who have contacted at least 100 QCWA members.
- **QCWA Worked 60 Chapters Awards** are issued to QCWA members who have contacted members of 60 chapters.
- **QCWA Worked 500 Members Awards** are issued to QCWA members who have contacted 500 QCWA members.

OTHER MEMBER SUPPLIES

- Lapel Pins without year tags. Tie tack, safety pin or screw type pins (no year) - \$10.00
- Lapel Pins with year tags (tie tack only). Specify year: 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75 or 80 - \$15.00
- QCWA Life Member pin: \$5
- QCWA Embroidered emblem: \$5.00
- 450 QCWA Red Stamps (regular): \$4.00
- 450 QCWA Gold Stamps (life): \$3.00
- 400 QCWA Yellow Stamps (50 Year): \$3.00
- QCWA Cap with logo: \$15.00
- QCWA Chapter Banner: \$200.00
- QCWA Decals: \$1.00
- QCWA QSL Cards — (see ad elsewhere)
- QCWA Member Badges — (see ad elsewhere)
- QCWA Golf Shirts — (see ad elsewhere)

Please send your order to: QCWA Headquarters, P.O. Box 3247, Framingham, MA 01705-3247
Phone (inquiries only, no orders via phone): (508) 405-1930, FAX: (508) 405-1965
We accept orders charged to credit cards.



QCWA Journal

SPRING 2006 ■ Volume 55, Number 1

Editor

Douglas Walbridge
P.O. Box 251
Hudson, MA 01749
978-985-5814

Contributing Authors

John B. Johnston W3BE
George Hart, W1NJM

Business Office

P.O. Box 3247
Framingham, MA 01705-3247
508-405-1930
FAX: 508-405-1965
qcwagm@rcn.com

Editorial & Advertising Office

P.O. Box 3247
Framingham, MA 01705-3247
508-405-1930
FAX: 508-405-1965
qcwagm@rcn.com

QCWA On The Web:

<http://www.qcwa.org>

e-mail address:

qcwagm@rcn.com

QCWA National Nets

SSB - Sunday at 2000Z on 14347
CW - Wednesdays at
2000E on 7035

QCWA JOURNAL is published four times a year (quarterly) by the Quarter Century Wireless Association, Inc. Membership in QCWA, including a subscription to the Journal, is available to individuals who qualify in the United States and its possessions at the following rates: \$20 for one year; \$35 for two years; \$50 for three years; and \$300 for life. For Canadian & foreign membership rates, please contact the business office.

POSTMASTER: Please send change of address to QCWA, Inc., P.O. Box 3247, Framingham, MA 01705-3247.

Printed in USA and mailed Third Class from Melbourne, FL; Framingham, MA and other locations.

Contents of this Journal are ©2006 QCWA (Quarter Century Wireless Association)

REPORTS

President's Message - John Johnston, W3BE	3
General Manager's Report - Chuck Walbridge, K1IGD	5
Chapter Reports	16
New Members	38

FEATURES

International Space Station Contact - Ken Oelke, VE6AFO	6
Top Band Antenna Performance - David Conn, VE3KL	7
2006 QCWA Board Candidates	8
Presentation of Special QCWA Awards	15
QCWA Calgary Convention	28
QSO Party Rules & Results	44
Memorial Scholarship Fund	46

COLUMNS

Q&A The Rules Say... - John Johnston, W3BE	12
---	----

DEPARTMENTS

Medical Alert: Stroke Identification	23
Book Review: The Secret in Building 26	39
Classified Ads	50
Silent Keys	54
Chapters On The Air	55

This month's cover: Want to read more about how these 10 school children could and would talk with an astronaut on the International Space Station? These 10 friends, ranging from kindergarten to grade 8, would be the first in Alberta to ask 18 questions of Commander Bill McArthur, KC5ACR. Head over to page 6 to read the article! (Photo Courtesy Neil Koven) Brian Jackson, VE6JBJ (Centre) With The 10 ISS Kids. (Photo Courtesy Neil Koven) ARISS - Amateur Radio Team. (Back Row - Left to Right) Kevin McCoy, VE6KJM; Tyler McCoy, VE6TGM; Linda-Lou Oelke, VE6LGO; Bruce Reynolds, VE6BR; Jack Blair, VE6ARQ. (Front Row - Left to Right) Ray Lorganger, VA6FRA; Lindsay Gavel, VE6GAV; Ken Oelke, VE6AFO; Brian Jackson, VE6JBJ; Daniel Krysak, Andy Webb, VE6EN. (ARISS Team Members missing in picture - Gerry McDonald, VE6QLT; Richard Roadhouse, VE6AX & Mike Taddeo, VA6MJT). The logo you see in the middle was designed by Miss Gabby Field, an 8th grade student at the school.

DISCLAIMER: Opinions expressed by the authors of articles contributed to the Journal do not represent the official position of the Officers or Directors of the Quarter Century Wireless Association, Inc.

QCWA Officers and Board of Directors

President: John Johnston, W3BE

17701 Bowie Mill Rd., Derwood, MD 20855-1608
Phone: 301-869-8286, johnston.john1@worldnet.att.net

Vice President: Bob Roske, N0UF

993 Hassan Street SE, Hutchinson, MN 55350-3215
Phone: 320-587-3890, broske@hutchtel.net

Secretary: Alan Pickering, KJ9N

31860 Taylor Grade Road, Duette FL 33834-6862,
Phone: 941-776-0933, kj9n@juno.com

Treasurer: Frank Harris, WA4PAM

512 E Pasadena Ave, Clewiston, FL 33440-3207
Phone: 863-902-3645, e-mail: fcharris44@earthlink.net

Past-President: Croft Taylor, VE3CT

3 Weatherly Dr., Kanata ON K2W 1A3 Canada
Phone: 613-839-3336 (May-Oct) 941-486-0969 (Nov-Apr)
ve3ct@rac.ca

General Manager: Chuck Walbridge, K1IGD

P.O.Box 3247 Framingham MA 01705-3247
Phone: 508-405-1930, FAX: 508-405-1965,
qcwagm@rcn.com
QCWA home page - <http://www.qcwa.org>

Directors

Tom Atkins, VE3CDM

55 Havenbrook Blvd, Toronto, ON M2J 1A7 Canada
Phone: 416-494-8721, ve3cdm@pathcom.com

Harold Chase, W1EES

75 Chestnut Cir, W Suffield, CT 06093-2100
Phone: 860-668-0845, ees73@att.net

Lew Gordon, K4VX

P.O. Box 105, Hannibal, MO 63401-0105
Phone: 573-221-7730, k4vx@direcway.com

Jerrel Jones, W5TUU

2025 Meadowcreek Rd., Plano, TX 75074-4663
Phone: 972-423-0202, jerrelj@gte.net

Harrison Moore, W2JQS

101 Boulder Trail, Bronxville, NY 10708-5905
phone: 914-337-5191, w2jqs@aol.com

Leonard Nathanson, W8RC

29203 Lake Park Dr, Farmington Hills, MI 48331-2661
Phone: 248-553-8111, radioamw8rc@gmail.com

Blanche Randles, W4GXZ

44 Western Lane, Amherst, MA 01002-3247
Phone: 413-256-0179, w4gxz@admin.umass.edu

Ed Yoder, W3YMB

9 Lakeridge Dr., Greensburg, PA 15601-9799
Phone: 724-850-4462, edyoder@comcast.net

Past Presidents

John DiBlasi, W2FX (SK)

1947 - 1964

Earl R. Thomas, W2MM (SK)

1965 - 1968

Clarence Seid, W2KW (SK)

1969 - 1971

Barry Goldwater, K7UGA (SK)

1972 - 1973

Frank A. Gunther, W2ALS (SK)

1974 - 1977

Harry S. Gartsman, W6ATC

1978 - 1981

Stuart Meyer, W2GKH (SK)

1982 - 1985

Leland Smith, W5KL (SK)

1986 - 1989

Harry Dannals, W2HD

1989 - 1994

Lew McCoy, W1ICP (SK)

1994 - 1996

John Kelleher, W4ZC (SK)

1996 - 1998

Gary R. Harrison, K0BC

1998 - 2002

Croft Taylor, VE3CT

2002 - 2004

Executive Secretary/ General Manager

Ralph Barber, W2ZM (SK)

1955 - 1964

Gus Gironda, W2JE (SK)

1965 - 1973

Ethel Smith, K4LMB (SK)

1974 - 1976

Ted Heithecker, W5EJ (SK)

1976 - 1991

Jim Walsh, W7LVN (SK)

1991 - 2003

The QCWA Journal

The Quarter Century Wireless Association and QCWA JOURNAL in no way warrant the products described or reviewed herein. The JOURNAL does not assume responsibility for unsolicited manuscripts. Subscription to the JOURNAL for non-members in the US is available for \$20 per year. Contact the business office for subscription information. The JOURNAL is available free to blind paid-up members on audio cassette tape. For more information, contact Blanche Randles, W4GXZ, 44 Western Lane, Amherst, MA 01002-3247.

From the **President**

John Johnston, W3BE



From the inquiries, comments and questions that are being asked by our members, just exactly how your QCWA Board of Directors is required to function is widely unknown. That is something, of course, that is controlled by our Constitution and By-Laws. These documents are posted on our QCWA website for your viewing and reading pleasure. Short of plowing through those pages, you should know, at the very least, that our By-Laws stipulate that the affairs of your QCWA are in the hands of your Board of Directors. It consists of 12 elected officials: your four Officers (President, Vice-President, Secretary and Treasurer), and your eight Directors. Your immediate Past-President also serves one term on your Board.

Your President's basic duties are to appoint members to serve on your five Standing Committees and — with the assistance of your General Manager — to carry out your Board's mandates and directives. Your Standing Committees are: Administration, Chapter Relations, External Relations, Finance and Publications. Each Standing Committee must include at least two Directors. Ideally, an elected official should be the first choice as the chair of each Standing Committee. The success of this operating process, however, relies upon each of your Standing Committees being a functioning entity chaired by a capable and willing member. It is only after it is clear that not a single one of your elected officials is capable or willing to carry out the responsibilities entrusted to a chair should the position be filled with a QCWA member who has not been elected to your Board. Fortunately, we have not yet had to resort to the latter with your current Board.

In each edition of your QCWA JOURNAL, you should note your QCWA STANDING COMMITTEE ORGANIZATIONAL STRUCTURE. Currently, it is comprised of some 65 positions on your five Committees, with but 3 vacancies. Should you be interested in serving on one of your Standing Committees, please contact the chair of that Committee.

A composite list of issues to be addressed by your Board is compiled largely from suggestions, comments and questions from our members. Your Secretary, Alan Pickering, KJ9N, gives each item a unique tracking number and records it on our Special Action Items List. Then it is assigned to the appropriate Standing Committee, whose chair must commit to a completion date. As each action item is completed, it is so marked on your Secretary's master list. New items are added as received.

When one of your Standing Committees decides it is timely to enter a motion for consideration by your Board, it does so by e-mail or at its annual meeting. Some items require assistance from others. Several QCWA members have volunteered to provide such assistance. Their involvement has the extra benefit of helping assure that your Board has a solid bench available.

Early on, there were doubts that the mandated Committee approach was too cumbersome to be effective. Your annual Board of Directors Meeting last October dispelled any such notions. It

became very clear that your representatives take their responsibilities very seriously and are dedicated to promoting friendship and cooperation among amateur operators who were licensed as such at least a quarter of a century ago.

RECENT VISITS

Recent visits with our Chapters include our York County PA Chapter #165; our Suwannee Chapter #62, Ocala, FL (Photo 1); our Gator Chapter #32, Largo, FL (Photo 2); our Gator Chapter #32 - Pelican Chapter #128, St. Petersburg, FL (Photo 3); our SunCoast Chapter #53, Sarasota, FL (Photo 4); and our Vic Clark Chapter #91, Vienna, VA (Photo 5).

Welcome Sweet Springtime!

De W3BE



(l to r) Suwannee Chapter 62 Treasurer James McKeener, WD4DPA; Secretary Ken Simpson, W8EK; President David Delie, NA8S; and W3BE.



(l to r) Gator Chapter 32 Secretary, Bart Bridge, W2ZYQ; President Sterling Haskell, W1KJQ; and W3BE.

(continued on next page)

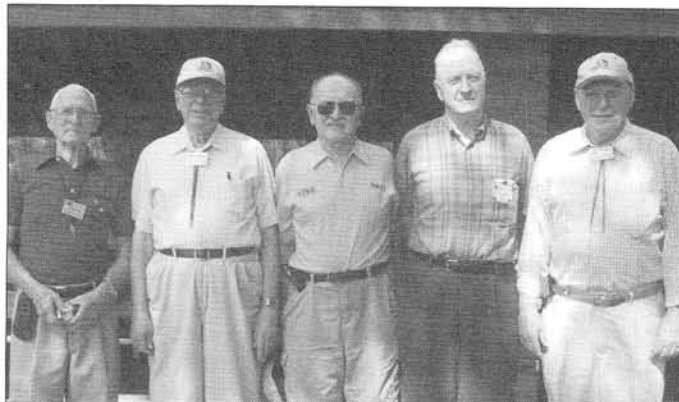
The Quarter Century Wireless Association

The Quarter Century Wireless Association, Inc. was founded December 5, 1947, as a non-commercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare.

QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986.

Its affairs are governed by a President, Vice President, Secretary, Treasurer and a Board of Directors, whose voting members are elected every two years by the general membership.

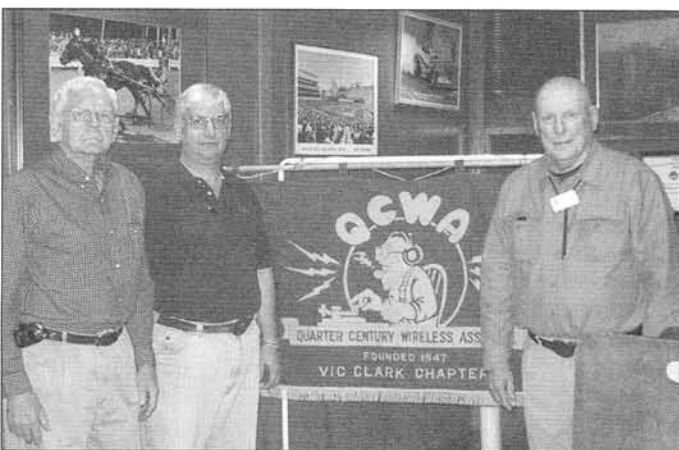
In order to qualify for membership in QCWA one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed. Membership inquiries and general correspondence should be addressed to the business office at P.O. Box 3247, Framingham, MA 01705-3247 U.S.A. Telephone: 508-405-1930 FAX: 508-405-1965



(l to r) Pelican Chapter 128 President Bill Bell, W4AVH; QCWA Secretary Alan Pickering, KJ9N; Chapter 128 Secretary Walt Supina, N3WS; Chapter 32 Secretary Bart Bridge, W2ZYQ; and W3BE.



(l to r) SunCoast Chapter 53 President Jack Sproat, W4JS, with Hans Narfel, WB2ZZB, and W3BE.



(l to r) Vic Clark Chapter 91 President Ray Johnson, K5RJ, with Howard Cunningham, WD5DBC, and W3BE.



Spring 2006

Winter's grip on NE has been capricious at best. Lately, we never know if we will need snow boots or sandals! The Dayton hamfest in May is the perfect location to rid yourself of the winter blahs! QCWA officers and the staff from Headquarters will be present in our booth at Dayton this year. We enjoy having members stop by and chat. It's always a pleasure to meet, in person, those we've met through e-mail or phone conversations.

SILENT KEY NOTIFICATION

During the past year, there were several erroneous Silent Key notices published in the Journal. We were notified after publication, that those members listed were very much alive! This is a source of embarrassment to QCWA. More importantly, to the member, his family and friends, we owe an apology. Beginning January 1, 2006, Silent Key notifications received from Chapter Officers must include a copy of an obituary from a newspaper or other publication. We will accept notification from family members in writing or by phone. Also, we will accept the "Deceased" notification on mail returned by the postal service. Please adhere to these guidelines as they provide the best assurance to maintain accurate Silent Key listings.

ARTICLE FROM CANADIAN AUTHOR

In order to provide some variety and different points of view, I have made arrangements with an author from "The Canadian Amateur (TCA) " magazine, David Conn, VE3KL, to reprint selected technical articles he has previously published in TCA. This month, an article in "Top Band" antennas is presented. We are always searching for material of interest to our members. Please send articles to Headquarters for consideration.

ADDRESS PROBLEM – WINTER ISSUE

The top line of your mailing label is to include, among other information, your membership expiration date (if not a Life Member). Our printer/mailer in Florida had a new employee handling our mailing. This was due to the death of his predecessor whom QCWA had dealt with in the past. The replacement was not familiar with the procedure used to set up our labels. All the information was sent but not printed correctly. They are now aware of our needs, and assure us the necessary corrections will be made.

A REMINDER

It's very important to include your chapter number as part of e-mails, chapter report file names and photo file names. The chapter number is the only clue we sometimes have to associate photos and reports.

WHAT'S NOT HERE THIS ISSUE

With the requirement to include the photos and biographical information on the candidates for the 2006 election and information on the QSO Party, we needed to omit the next installment of George Hart's "Recollections...". It will return in the summer issue. Several chapter reports are not included – the deadline for material has to be enforced. Last minute offerings cause disruption in the natural flow of Journal content. Deadlines for each issue are listed on the first page of the Chapter Reports.

Please note: A copy of the 2005 Board of Directors meeting minutes is available on the QCWA web page and they will be listed in the Summer Journal as well. Chapter Secretaries can have them available at their meetings. If a MAL (member at large) would like a copy please contact the Vice President and he will send out a hard copy. Also please note that the dates for Dayton Hamvention are May 19 to 21, 2006.

73, Chuck, K1IGD

INTERNATIONAL SPACE STATION CONTACT - DECEMBER 2, 2005. A FIRST FOR AIRDRIE, ALBERTA, CANADA

Author: Ken Oelke, VE6AFO

Houston – we have a question about space and whom can we ask? Well, why not Commander Bill McArthur, KC5ACR, an astronaut on the International Space Station?

Before going on with that question about space, let me ask you this. Have you ever had those moments in your amateur radio career where you felt you had done everything and there were no new and exciting challenges left? If you are anything like me - the answer to that question is affirmative.

In my 45 years of amateur radio I was not too sure I could experience many more exciting adventures in the hobby. After all - I had tried all the usual stuff like building equipment, dxing, contesting, radio teletype, using those mechanical clunkers, facsimile, fast scan television, satellites and lastly - moonbounce. All of this was excitement at its best. As time proceeded, there seemed to be a period where there was a lull in opportunities to really get excited. Ham radio just seemed to be humdrum and yet, I knew this still was the only hobby that could provide me with pleasure. It just hadn't happened of late where I experienced that 'big bang fuzzy stuff'! Then an opportunity came along, which I decide to challenge. Actually it turned out to be several of many challenges, including that of Elmering. Since this is what we are encouraged to do, I further pursue this opportunity. A combination of events begins my trail to the ultimate excitement.

It all began when QCWA Wild Rose Chapter 151 decided to become involved with the Radio Amateurs of Canada (RAC) Youth Education Program (YEP). We made it our mandate to introduce and install amateur radio stations into classrooms. During this time, grade 6-science teacher, Brian Jackson, enters the picture. Brian is not yet a Ham however, is very knowledgeable with the space program. In fact it still is his dream to become an astronaut. It must have been fate for I had the opportunity to meet Brian and discuss further our mandate to put amateur radio into schools. Brian wanted to learn more about this program and began studying to take the Basic exam. This exam is similar to the Technician exam in the United States. I administered the exam (I am an Accredited Examiner in Canada) and Brian soon became VE6JBJ. It was just a few months later Brian applies to the RAC YEP to have his school enrolled into the program. Brian discusses with me the idea of his school submitting an application for a contact with the



International Space Station (ISS). I thought this was a novel idea, being the first school in Alberta to do this. I enjoy being part of firsts! With this I agreed to be the project coordinator for Brian's idea. Little did I realize this would set the stage for not only me, but also many others to experience the greatest thrill of our amateur radio career. Our application was accepted and December 2, 2005 was selected for our ISS school contact. Now, back to that question we were going to ask about space.

It was amazing to watch 720 kids, along with parents, teachers and staff, who truly believed that 10 of their fellow schoolmates could and would talk with an astronaut on the International Space Station. Their 10 friends, ranging from kindergarten to grade 8, would be the first in Alberta to ask 18 questions of Commander Bill McArthur, KC5ACR.

To top all this off - we received tremendous media coverage, which put amateur radio on the front burner. News coverage was provided by CBC News World, which was carried live nationally. As well - 4 other local TV stations aired this contact on the local news, 3 radio stations did interviews and 6 local and area newspapers did an article, with pictures. As well, 13 Internet Radio Linking Program (IRLP) nodes were connected to the Discovery Reflector Node 9010 and 23 connections were listening to Shoutcast on the companion website.

Special guests included a Member of Parliament, the Superintendent of Schools and one Associate Superintendent, a local trustee from RVSD Board of Trustees, the Mayor from the City of Airdrie, 4 Airdrie Aldermen, Emerging Technologies Manager from Alberta Education, and administration from Alberta's next school proposed for an ARISS contact.

How can you beat all of that? Really - it will be hard to find the next excitement in amateur radio after all this. However, amateur radio has never let me down in the past 45 years and I am certain it will not in the next 45 years. Just when I thought there were no more exciting challenges left in amateur radio - along comes an opportunity seeking my expertise. Though in order to discover this excitement - you need to be open-minded and keep the doors of opportunity open. May you too enjoy the same thrill I had - especially knowing that 720 kids are still talking to their friends about this once-in-a-lifetime experience. That is probably the greatest thrill of all! ■

Top Band (160 Metre Wavelength) Receiving Antenna Performance

by David Conn, VE3KL

Introduction

The 160 metre band, also called the Top Band, is receiving much attention now as the sun-spot cycle is on the decline. Hence, this is a good time to review the performance of antennas that are used for Top Band applications.

The basic problem encountered is the enormous size of conventional antennas such as a half wavelength dipole. A 160 metre dipole is 80 metres long and must have a height of about 40 metres (131 feet). That is, you need to have two towers about 150 feet high to support the antenna and enough real-estate (at least 300 feet) to use the towers. Also, the horizontal dipole antenna is mainly horizontally polarized at low angles of radiation. This is not desirable for most Top Band applications as it is common practice to transmit vertically polarized signals.

Top Band experts have been addressing this problem since the 1920's when Dr. Harold H. Beverage introduced his now famous Beverage antenna. The Beverage (or "wave") was first discussed in a paper entitled "The Wave Antenna - A New Type of Highly Directive Antenna" written by Harold H. Beverage, Chester W. Rice and Edward W. Kellogg for the journal of the American Institute of Electrical Engineers (Volume 42, 1923). The Beverage antenna has high directivity but low gain.

Remember the difference between antenna gain and directivity. Directivity is a measure of ability of the antenna to concentrate (transmit or receive) its energy in a given direction. A pencil beam for example has high directivity. Antenna gain is a measure of how much power is received at a given location. The relationship between power gain and directivity is:

$$G = \eta D$$

Where: G is the antenna power gain, D is the directivity and η is the antenna efficiency.

For example, a one half wavelength Beverage antenna has a gain of approximately -20 dBi but it is highly directive.

Antenna Figure of Merit

To compare various antennas, it is useful to have a figure of merit that we can either measure or calculate for each antenna. The main factors that come into play for receiving antennas are:

1. The Signal to Noise Ratio (SNR) at the receiver input.
2. The **Power Gain** of the antenna: The received signal must be well above the receiver noise floor. We can have low signal levels and use a pre-amplifier at the receiver as long as the wanted signal overcomes the total noise at the receiver input.
3. The overall complexity or cost of the antenna including ease of matching to the receiver.
4. The polarization of the antenna: Polarization of arriving signals constantly varies but most transmitters use a vertically polarized antenna like an omni-directional vertical ground plane antenna. Hence, a Pennant antenna, which has a strong vertical component

to its radiation pattern, is a good candidate for a Top Band receiving antenna.

Receiving Directivity Factor

One good way to compare the performance of receiving antennas is to use the **Receiving Directivity Factor (RDF)** as a measure to address point 1 above: The SNR. A good discussion about RDF can be found at: <http://www.w8ji.com/receiving.htm> where W8JI presents a table of RDF for various antennas and also discusses the concept of RDF. Take time to visit his site for updates and more technical information. The concept of RDF is as follows:

- The received DX signal strength at low angles, usually 20 degrees, depends on the gain of the antenna.
- The received noise output from the antenna depends on the average gain of the antenna in all directions. This assumption is not always true but is found to be a reasonable assumption when the receiving system is limited by sky wave noise (not local noise).
- The shape of the antenna pattern (Directivity) determines the performance of a receiving antenna, not the gain alone.

RDF is defined as:

$$RDF = \text{Gain}_{20} - \text{Average Gain [dB]}$$

Where: **Gain₂₀** is the antenna power gain (dBi) at an angle of 20 degrees from the horizon in the wanted direction and **Average Gain** is the average power gain (dBi) in all directions. Note that the RDF can be high as long as the antenna gain is larger than the average antenna gain.

The Receiving Directivity Factor (RDF) will only be a good measure of the antenna performance if:

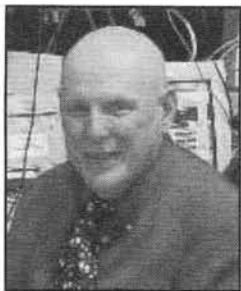
1. The unwanted noise source is not in the same direction as the wanted DX signal.
2. Local man-made noise near the antenna is much smaller than Sky Wave noise.
3. The receiver noise floor is lower than the Sky Wave noise. This constraint is usually valid as long as the antenna gain is not too low.
4. The Sky Wave noise is not highly directive in your area at any given time.

The RDF for an antenna can be calculated as follows using EZNEC:

- First, define the wires, frequency and other parameters as usual.
- Plot the Azimuth far field plot for an elevation angle of 20 degrees. Note the maximum gain.
- Now plot the 3D far field plot. After this calculation is performed, EZNEC displays the average gain in the main window

(continued on page 22)

2006 QCWA Board Candidates

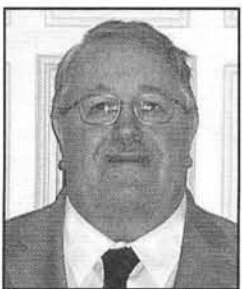


John B. Johnston, W3BE
PRESIDENT

Thank you for allowing me to contribute to our purpose of promoting friendship and cooperation among amateur radio operators who were licensed as such at least a quarter century ago. You understand that amateur radio is more than radios; it is more about those fascinating hams who happen to love radio and who work to

make our hobby the greatest in the World.

My qualifications to continue serving you as President are: Past Vice-President and former Director; Current *Ad hoc* Member of all five QCWA Standing Committees; Former Chair of our Administration Standing Committee; Former Chair, General Manager Search Committee; President, QCWA Baltimore Chapter #20; Member, QCWA Hall of Fame; Past President and Vice-President, QCWA Vic Clark Chapter #91; Member, QCWA Chapters #20, 32, 45, 91 and 128; Past President, Frankford Radio Club of Philadelphia, PA, and Penn Wireless Association of Bucks County, PA; Columnist and Contributing Editor, QCWA JOURNAL; Columnist, WORLDRADIO and AUTOCALL magazines; Station license trustee for station NN3SI at the Smithsonian Institution National Museum of American History on the Mall in Washington, DC; Recipient, Dayton Hamvention Ham of the Year; Fellow, Radio Club of America; Volunteer Examiner, Laurel Amateur Radio Club VEC; Former Member, National Conference of Volunteer-Examiner Coordinators Question Pool and Rules Committees; Instructor, Elmer and Honorary Member of the Montgomery (County, MD) Amateur Radio Club; ARRL Charter Life Member; Life member: Old-Old Timers Club, Potomac Valley Radio Club, Historical Electronic Museum Amateur Radio Club; Former Chief, FCC Amateur and Citizens Division.



Bob Roske, NØUF
PRESIDENT

My name is Bob Roske, NØUF, and after serving as the QCWA Vice President for the past two years; I am seeking your vote for President. In addition to my duties as VP, I am the QCWA Webmaster and Administrator for the QCWA Reflectors. Additionally, I was appointed Chairman of the Publications Committee at the 2004

QCWA National Convention in Ottawa. I have the skills and knowledge of QCWA to be an effective leader of the organization.

An organization is either growing or dying; there isn't a third direction. If you don't know, QCWA is dying! Our membership numbers are down every year. We need to make QCWA a **World Class Amateur Radio Organization**, one that is known and respected by Hams around the world. This effort needs to start at all levels of QCWA, the local chapter, the National Board of Directors, the Members at Large. It will take hard work, dedication and a "What can I do for Amateur Radio via QCWA" attitude by all our members. When we're successful QCWA and Amateur Radio will benefit from our efforts.

I'm a Life Member of QCWA, ARRL, INDEXA, 3905 CCN, OMISS, OTC, OOTC, the GERITOL Net and 10-10 International. I belong to AFAR, FISTS, the Kansas City DX Club, the St Cloud ARC, the Twin Cities FM Club, MEMO ARC and SOC amateur groups. I also belong

to the Society of Wireless Pioneers and the US Navy Radioman's Association.

My operating achievements include: IOTA-200, IOTA-NA, WAZ, 5BWAS, WAS CW, SSB & 75M 2 letter calls, USA-CA (1108/1043), the Maple Leaf Award, the Canadian Islands Award, the Canadian 2/80 Award, the US - Islands Award, DIPLOÔME DE LA ZONE 2, World Radio's Worked 100 Nations, DXCC: Mixed, Phone & CW. I hold an ARRL 30WPM Certificate of Code Proficiency.



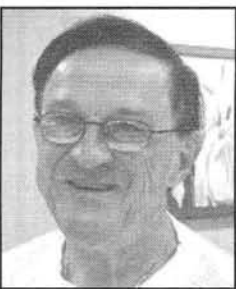
Lawrence McCalvy, WA9JMO
VICE PRESIDENT

I was the QCWA Chairman for the 2001 and 2005 Annual Convention, a two-term President of Chapter 162 and have submitted several articles along with the quarterly chapter report to our Journal. First Licensed in 1963, I am a life member of QCWA #22155, a member of ARRL and have served in the leadership position of a major repeater group and local radio club in Southeastern Wisconsin.

I was a Career Counselor retired from the transportation industry and later the military. I hold a Master Degree from the University of Wisconsin, Milwaukee, in Educational Psychology. I am an instructor with several of our local Amateur Radio licensing classes and very active within the area ARES group. A current highlight involved hosting a six-week communication course for the seventh grade students (all 27 of them) at a specialty middle school (all students are at Risk). Eight of the youngsters wanted to set up a licensing class (currently taking place) with a future goal of having a Ham Club in their school.

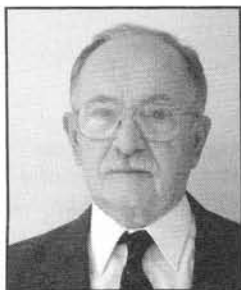
As a retiree, I try to engage in as much community volunteer adventures as time permits. I am very much a people person who gratefully enjoys working with other folks in problem solving tasks and quality of life issues.

I appreciate the opportunity to present myself to you as a candidate and always look toward enhancing the Quarter Century Wireless Association at every occasion.



Leonard Nathanson, W8RC
VICE PRESIDENT

First licensed in 1948 as W8DQL. Electrical engineering degree, BSEE 1957, JD Juris doctor 1961. Served in US Army 1952-54, operator at WAR/K4USA. Past Director ARRL Great Lakes Division, Director QCWA 2000-06, former First Vice President ARRL. A1-op, WAZ, CP 30, RCC, ROWH, OTC. Practicing Lawyer, Farmington Hills, founder and member Volunteer Counsel, founder of Legal Preemption Task Force (father of PRB1). Wife K8NFP sk, son WD8DUG, active 160mtrs-70cm. Home equipment is FT1000MP, ICOM 756 pro, Mosley pro96. Alpha 374a, ICOM FL 7000g.



Walter Supina, N3WS
SECRETARY

My QCWA life membership number 30909 is an indication that I am relatively new to QCWA as I was first licensed in 1976 as WN3BSI. Although I have not been a member very long I have been active in the Pelican Chapter and the Editor of the Chapter Newsletter for a few years. Two years ago I was elected to the position of

Secretary of the Chapter.

I am a life member of ARRL and have been a member of the Nittany ARC (State College PA) since 1976, serving as President for one term. For many years I participated in the NTS as a CW traffic handler.

My professional career started with a doctorate in Chemical Engineering, but I soon became an analytical chemist and with an associate formed our own company. Within 25 years we had 250 employees and decided it was time to sell the company. Since 1989 I have spent the winters in Florida where I was introduced to QCWA by Art Kunst, W3WM.

Why am I running for the position of Secretary? QCWA has provided me with the opportunity to meet a friendly group of people with some amazing experiences relating to communications, ham radio and life in general. I believe I should do what I can to help the Organization.



Frank Harris, WA4PAM
TREASURER

I was first licensed in 1976 as a Novice and now hold a General Class License. Since 1976 I have been active in four amateur radio clubs, in four different states, and helped organize one of the clubs.

With forty years of banking experience, including an extensive background in investments, I can assist QCWA in making sound choices in investing the Organization's money. I am looking forward to serving another term as Treasurer of QCWA.



Blanche Randles, W4GXZ
DIRECTOR - INCUMBENT

I was first licensed in 1954 as W4GXZ in Jacksonville, Fla. My husband Wesley (W4COW) and I moved to Framingham, Mass. in 1958. We soon had the tower and beam up and were on the air again. We enjoyed the radio clubs and each year traveled to the YLRL and QCWA conventions. Wes was active in QCWA and I joined as

soon as I became eligible in 1979.

At that time there was no QCWA chapter in New England. Several of us got together and organized Yankee Chapter and four other chapters soon followed. We also helped in the organization of these chapters.

I soon noticed QCWA had no taping program to bring the news in the Journal to our sight impaired members. In 1987 the President took my thoughts to the Board and they agreed we needed a taping program. I was appointed Taping Coordinator, a job I still hold.

Ham radio and QCWA have been a big part of my life. It just seemed natural that I should run for election to the QCWA Board of Directors. If elected I will do my very best to be a Director you can be proud of and I will certainly support QCWA in every way possible.



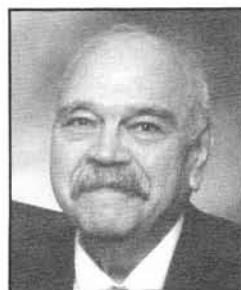
Edward Williams Yoder, W3YMB,
W4GAV, EP2EY
DIRECTOR - INCUMBENT

I would like to be considered for re-election to the QCWA Board of Directors. Being on the Board has given me the background and experience as to the policies, functions, duties and requirements for fulfilling the scope of effort expected as a Board mem-

ber. I am a Life member of QCWA and ARRL and am a member of OOTC & US Navy Radioman Association. I held the FCC First Class Radio Telephone Operator License with the Ship Radar endorsement (now a General certificate). I am an attorney at law. National Parliamentarian of the US Submarine Veterans Association, and former President of Murrysville, PA city council and President of Westmoreland County, PA Boroughs Association.

In Amateur Radio, I hold awards for DXCC, WAC, WAZ and WAS. And in QCWA, I attend all Board and Annual meetings and currently serve on the Administration Committee as Chairman. My legal background and serving in an elected legislative and executive position allows me to provide detailed input to deliberations of our Board and the general membership of QCWA.

In summary, I would like to continue to do all I can to further the goals of QCWA and serve the best interests of our great Organization.



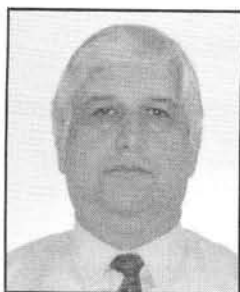
Leroy G. Baldwin, W0OFY
DIRECTOR - NEW CANDIDATE

Leroy Baldwin, "Baldy" retired from Collins Radio in 1990 after 35 years of employment. He started at Collins after graduating from the University of Minnesota in 1955. A fellow student, Jerry, received his "ticket", W0MVP in the fall of 1952 and then Baldy, with a friend, took the Novice and Technician tests the day after

Thanksgiving in 1952. Baldy received the call W0OFY in May of 1953. His friend got W0OFZ and is now an SK. It took 5 months for the FCC to get our licences out. Jerry (W0MVP), Gail (W0OFZ) and Baldy got on the 220mhz band by building receive converters and transmitters. There was no equipment to buy in those days. Next came 2 meters and then 6 meters was made available to the Technician class license. He operated 6 meters mobile from 1954 to 1960 from both Minneapolis and Cedar Rapids, Iowa. Ham radio activities were put on the lower burner from 1960 to 1990 with work, family and antique automobile activities. He up-graded to Extra class in 1991 by passing the 20 wpm code, Advanced and Extra written exams.

He joined the QCWA via AI, W0PEX (SK) in 1991. He is now net control of Chapter 8. "Chapters on the Air". He is a member of both Chapter 8 (MN) and 123 (IA). He has been to Dayton for the last 12 years with his son, Frank, N0SFF and plans to go many more times.

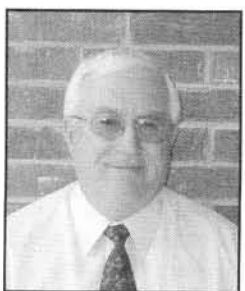
(continued next page)



Howard Cunningham, Jr., WD5DBC
DIRECTOR - NEW CANDIDATE

I am a member of the Vic Clark Chapter, Chapter 91, of the QCWA. I was first licensed as WD5DBC in 1976 in Arlington, Texas while attending the University of Texas at Arlington. I have been or am a current member of the Dallas Amateur Radio Club, Arlington Amateur Radio Club, Northern Virginia FM Association (NVFMA),

Vienna Wireless Club, National Capital ARES Council, and the Amateur Radio Research and Development Corp. (AMRAD). I am a Life member of the ARRL as well as an ARRL and W5YI VE. I am active in ARES and have been an Emergency Coordinator and am currently a District Emergency Coordinator. My ARES activities have lead to my being the Vice-Chairman of the Fairfax County Citizen's Corp Council. I have experience on amateur radio boards of directors as a former member of the board for AMRAD and a current member of the board of the NVFMA. I am active on many bands from 80 meters to 1.2 GHz.



Val L. Erwin, W5PUT
DIRECTOR - NEW CANDIDATE

While a teenager in Colorado, Val listened to hams on a "green-eyed" Philco upright radio. Fascinated, he became licensed in 1959 as KNOYCJ then, K0YCJ.

College recruitment by Texas Instruments took him to Texas and a new call, W5PUT. Shortly, he was at nearby Collins Radio Company. While in SW Asia

for Collins, his "ticket" expired, becoming WB5VZD, later regaining W5PUT. Ambitious, while at Xerox Corporation engineering in the 70's, he started/sold both a radio tower lease and a consulting firm. Departing Xerox in the 80's, Val founded International Compliance Corporation (ICC), offering product regulatory compliance design/test services. He sold ICC in 1998.

Now semi-retired, Val continues part-time engineering consultation and serves on the Water Board. During National disasters, he assists FEMA. With more time for ham radio, the hobby is even better! Val and wife Jettie, avid Square and Round dancers, enjoy operating HF mobile en route to the next big dance or hamfest.

He proudly enjoys affiliation with the following:
IEEE/EMC Society * National Association of Radio and Telecommunications Engineers (NARTE) * QCWA Life Member # 18,381 * QCWA Chapter #41 (former President) * ARRL Life Member * OOTC * Dallas Amateur Radio Club Life Member.

He holds the following licenses/certificates:
FCC General Radio Telephone License/Radar Endorsement (former First Phone) * NARTE-Certified EMC Engineer * FCC Amateur Radio License, Extra Class * FAA Private Pilot.



Carolyn Harrison, WB0OUM
DIRECTOR - NEW CANDIDATE

I've been an amateur radio operator since 1975 and currently hold an Advanced license. I am a Life member of QCWA. With my husband Gary, K0BC, and others I helped build the Bolivar, MO repeater and participated in starting the local radio club. Currently I'm President of QCWW Chapter

120 and a past officer of Foothills of the Ozarks Chapter 180. I graduated from college with a BA Degree in 1967.

For 10 years, I was President of Polk County Christian Social Ministries, a local charity serving over 1,250 people a year and distributing Christmas baskets of food and gifts to 450 families annually. I have served in leadership positions in my Church. I have been a communications volunteer for the local MS 150 Bike Marathon.

I think one of my strong character points is that I can work for the best interests of an organization, laying aside my own personal opinions when necessary. I have enjoyed making acquaintances at several QCWA Chapter meetings as well as Conventions and I am looking forward to making more friends in the future.



Ralph Hawkins, KA5CNT
DIRECTOR - NEW CANDIDATE

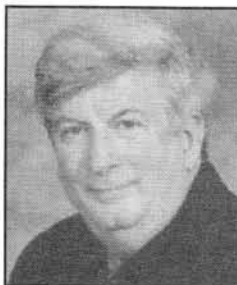
Hello all, last Spring at the Green country Hamfest Gary Harrison approached me to run for Director's seat on the QCWA Board. At that time I told Gary I would give it some thought, and now here I am coming to you asking for your vote.

My friends call me Gene, But my name is Ralph E. Hawkins my call is KA5CNT and I live in Oklahoma City, Ok. with my wife Linda of 40 years. I have 2 sons and 7 Grandchildren. I have been involved in Amateur Radio since about 1975 and have held my present call since 1978. I have worked in the transportation Industry for 36 years, and I have been a partner in a mechanical contracting business in the Oklahoma City, Ok. area for more than 40 years.

My wife and I have been members of Springdale Baptist Church in Oklahoma City, for 30 years.

My interests other than Amateur Radio are BSA, Hunting, Fishing, traveling, and being just Grandpa.

Having served on many committees, and boards of different groups over the years I accept challenges with a direct no-nonsense approach and enjoy working with open-minded people. Most of my friends would label me as a conservative, and that would be a fair statement. In this short article I won't bore you with the positions or titles I have held over the years, but, as with many people my age, there have been many. So, that being said, I firmly believe in good sound management practices, and being responsible to the people that put you in office, and if it is the wish of the membership I will serve as a Director of QCWA. And, most of all Amateur Radio is a Hobby! Have FUN.



R.S. "Tony" Hirsch, W8RSH
DIRECTOR - NEW CANDIDATE

Tony has been a member of the QCWA Finance Committee and served as its Chairman 2002-2004. A ham first licensed in 1955, and a pilot since 1959, Tony is a financial consultant for municipal governments and small businesses in Columbus, Ohio after serving as President of a \$325 Million bank-owned leasing company. Tony

founded his company, Cambridge Financials, in 1983 and placed it in trust while serving as lease company President.

Tony has participated in MARS, emergency communications for Red Cross, ARES, state and national CAP. He is active in Air Force AIS investigations, airline and general aviation crash investigations and has been an aviation insurance risk manager for over 35 years. He is a CFI with single, multi, instrument and jet aircraft type rat-

ings, and has logged over 4,800 total flight hours. Tony founded the International Aviation Theft Bureau and was a member of several FAA task force committees including the National Airspace Review, and served on the NBAA Airspace and Air Traffic Control committee.



Kenneth (Ken) D. Oelke, VE6AFO
DIRECTOR - NEW CANDIDATE

Ken Oelke was born in Lacombe, Alberta, Canada and became a radio amateur in 1961 as VE6AFO. He joined QCWA as a Life Member in 1989 and is currently President of Wild Rose Chapter 151. Ken is married to Linda-Lou, VE6LGO.

During his amateur radio career he held executive positions in CARA, ARLA, CRRL, and more recently, as Director (1993-1999) and President of Radio Amateurs of Canada (RAC) to 2001. In 1994 he chaired the RAC First National Convention and currently is Chair of the QCWA International Convention for 2006. Ken was RAC Head of Delegation at the IARU-R2 Conference in Guatemala City in 2001. He was involved with ARES for 15 years and held the position of RAC Field Service Manager for 5 years. In March 2002 Ken revived QCWA Wild Rose Chapter 151 after having been dissolved in 2001.

An Automotive Service Technician, he owned and operated an automotive service outlet for 20 years and is presently employed with Air Canada Jazz as a Ground Equipment Technician for the past 10 years.

Ken is a Life Member of ARRL, RAC, QCWA and a current member of CARA and QCWA Chapter 70, 73 and 151.

Ken also volunteers at the Calgary Aero Space Museum and has been on the Stampede Parade Committee for the Calgary Exhibition & Stampede since 1988.



Bill Pasternak, WA6ITF
DIRECTOR - NEW CANDIDATE

Bill is the Producer/Writer of the weekly Amateur Radio ARNewsline bulletin service. Bill co-founded Newsline as the Westlink Radio Network in 1976.

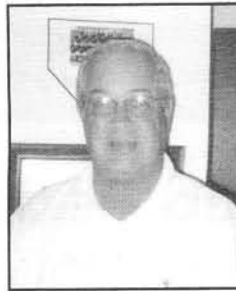
First licensed in 1959 as WA2HVK, he has written two best-selling technical books, authored the "Looking West" column for 73 Magazine for 22 years; writes

the VHF, FM and Repeater Column for Worldradio Magazine; has written countless articles in Amateur Radio, hobby electronics and broadcast related periodicals; produced and/or directed most ham radio films and video's released by ARRL or AMSAT since 1974 and originated the "Young Ham of the Year" award program in 1986.

He is a member of ARRL, QCWA and the Radio Club of America. He has received numerous awards for contributions to the betterment of the Amateur Radio Service. These include the DARA Special Achievement Award (1981), ARRL Southwestern Division Meritorious Service Award (1988), DARA Radio Amateur of the Year (1989), AMSAT Outstanding Contributions Award (1990) and ARRL National Certificate of Merit (1995).

Bill is a Broadcast Engineer with award winning KTTV-Fox News. He is a Broadcast Consultant in design and installation of digital and analog television post production facilities, an independent educational/industrial film and video producer and writer. His programs have won several major awards, the New York State Film Festival (1986 1987 competition) and the Chicago International Film Festival (2002 2003 competition). He is an EMMY Award recipient for his

contributions to a "Regularly Scheduled Television News Program" (1984).



Matt Tinker, W9PW
DIRECTOR - NEW CANDIDATE

I am honored to be able to be a candidate for the office of Director. I look forward to serving and being an integral part of planning for the long term success of the QCWA. Being a multiple business owner, and active in the community has given me an understanding of setting and attaining goals that are reachable and provide

growth for everyone concerned.

I was first licensed in 1979 as KA9ENR, and attained my Extra ticket in 1981 as KK9Z. I later changed to my present call of W9PW. I have served as President of the Whitewater Valley Amateur Radio Club in Connersville, Indiana, helped found the Bluegrass Chapter No. 214 of the QCWA in Ashland, Kentucky, serving as President, President of our Church Board of Directors, and President, Vice President of Ashland Babe Ruth Baseball. I am a graduate of Indiana University, hold a Master's Degree from American Military University, and a graduate of the National Executive and Management Institutes. My professional career spans 26 years of sales and marketing management, until I purchased my current business enterprises.

It is my belief that the QCWA has the unique opportunity to become a leading voice for Amateur Radio on the national stage and at the local community level. Our Chapters are the life blood of our Organization, and as such can offer the services of our Membership, that includes some of the most knowledgeable, and experienced Radio Amateurs in the world. If elected, I would like to help move the QCWA into a new era of involvement for our membership, and provide a resource for education, leadership, and service to Amateur Radio around the world. New technology, code free licenses, membership decline, and numerous issues face us as Amateur Radio operators. I hope, if elected, to see the QCWA both nationally and locally become a leader for the future of Amateur Radio.





The Rules Say...

Q&A

John B. Johnston, W3BE, 17701 Bowie Mill Road, Derwood, MD 20855-1608

Who Discovered Radio?

Renut Annetna (Ray) Dio III, ex-K8DAI, Guest Columnist

WHO DISCOVERED RADIO?

WRONG! "Who" did not discover radio. The true discoverer was my grandfather, R. A. Dio. Shortly before the dawn of the 20th Century, Grandpa discovered the electro-magnetic phenomenon that now bears the contraction of his name: "radio." This occurred in Dayton, Ohio. To celebrate this electrifying moment in history, our annual Hamvention is centered on the exact site of his discovery: Flea market spot number 1.

Q. Who was the first amateur operator?

A. Wrong again! Our first licensed amateur operator was Hara Ham, also of Dayton, hence the term "ham." Ham was looking for a way to collect the 100 QSL cards necessary for DXCC. Upon finding a discarded HF transceiver in his junk box, he realized that radio offered the perfect solution to his quest: he could use amateur radio to solicit those QSL cards!

Although new to ether theory and spark technology, Ham guessed correctly the minimum 26-out-of-35 examination questions. He received the very first amateur service license grant ever issued. The call sign was "W," indicating that his station location, obviously, was on the East side of the Mad River.

Congressional analysts projected confidently that radio hobbyists would soon go away. So it granted Ham an amateur radio license and limited his operation to that vast ether wasteland above 1.5 MHz.

Q. Who made the first two-way amateur service QSO?

A. Wrong again! Shortly after receiving his license grant, W began using his amateur station to transmit to the World our first-ever amateur service message. It was, of course, the immortal: "CQ DX — NO LIDS — NO KIDS — NO SPACE CADETS DE W K."

This went on continuously for over one full year until the fateful day when W received his first reply. It was from the second amateur station ever authorized: "K" located, obviously, on the West side of the Mad River. They

exchanged 599's, QTH's, and handles.

With K's QSL card in hand, for W it was one down and 99 more to go. He was ecstatic.

Q. What was the first-ever amateur radio club?

A. You are correct! Organized by K and W in 1902, WHAT (Wireless High-frequency Amateur Transmitters) was the first amateur radio club. The organizational meeting agenda covered dues increase, walk-a-thon plans and field day. Unfortunately, K and W could not agree on anything and the club suspended operation.

By then, W held two QSL cards, including one was Canada. He needed only 98 more countries to qualify for DXCC! He was hooked. He went on to become a just another hopeless, pathetic DXer searching, always searching, for yet another country to work.

K, on the other hand, was dedicated to getting his WAS before the number of states increased beyond the 45 then having gained admission to the Union. "Will it never end?" he cried out in anguish after three more states were admitted in order to round out our 5th and 7th call sign regions (Oklahoma 1907, Arizona and New Mexico 1912).

Despondent, K went on to become just another hopeless, pathetic county hunter searching, always searching, for yet another county to work.

WHAT held its second meeting the following year when amateur station "N" came along, located, obviously, on the South side of the Mad River. The meeting agenda covered dues increase, walk-a-thon plans and field day. But N, K and W could not agree on anything and the club suspended operation once again.

Disillusioned, N went on to become just another hopeless, pathetic traffic handler searching, always searching, for yet another birthday greeting to send.

It was about this time that Congress came to realize that amateur radio was not going to go away. Someday there could be more amateur operators than there were letters of the alphabet.

It decided that it would be less disruptive to form call signs from combinations of letters and numerals than it would be to add more letters to the alphabet. So it created the FCC to administer our sequential call sign system.

The alphabet, thankfully, was not changed, thus saving generations of school children from having to learn much longer versions of alphabet songs.

The FCC went on, reluctantly, to become just another hopeless, pathetic Federal agency searching, always searching, for yet something else to deregulate.

Q. What is the basis for the FCC's thirteen call sign districts?

A. The basis is to coincide with our VEC Regions.

Q. I know about Regions 1-10. Where are VEC Regions 11, 12 and 13?

A. They are Alaska (11), Caribbean Insular areas (12), and Hawaii and Pacific Insular areas (13). They were added to satisfy our demand for 13 lucky Regions.

Q. What was the second-ever amateur radio club?

A. Wrong! WHAT was the first amateur radio club. WHO (Wireless High-frequency Operators) was the second.

Q. What was the third amateur radio club?

A. No, WHAT was the first! The third amateur radio club was the First Amateur Radio Club (FARC).

Q. I really enjoy using my amateur station to annoy people. Which is the ideal emission mode for me to use?

A. Of the nine emission modes defined in Section 97.3(c), our phone emission mode clearly offers misfits such as you who are possessed with such hopeless, pathetic inclinations with their best opportunity to irritate the rest of us. The chances are that we will be listening to that mode. Our repeaters, undoubtedly, provide your best shot at annoying the most of us at the same time.

Our test emission mode offers you yet another great opportunity for mischief. You can save wear and tear on your dummy antenna by tuning up your transmitter on top of a QSO in progress. For the greatest effect, you can select a channel where a regular net is operating.

There is a very special certificate available for your particular type of activity. Just write a letter describing your accomplishments to: FCC, Enforcement Bureau, Amateur Radio, 1270 Fairfield Road, Gettysburg, PA 17325. Send along your logbook.

W3BE-O-Gram: So far three of your ilk have the WAMS (Worked All Monitoring Stations) certificate. If your logbook supports your claim, you could be No. 4.

Q. Someone has been transmitting on my brain. Could it be an amateur station?

A. That would depend upon the specific channel to which your brain is tuned. Our amateur stations are authorized to transmit only on small frequency segments throughout the radio spectrum. The odds are, therefore, that the signal you are receiving is coming from some other type of station.

There have been reports that attaching a 2" copper strap between your forehead and your ankle can reduce or eliminate BPL (brain proximity leakage). You should also contact your local, state and federal representatives repeatedly and protest the deployment of BPL.

For very severe cases, you might try attaching your body-grounding strap directly to a metal rod driven at least ten meters into the ground. Your tether should be no more than 3.414 meters long.

Q. Do hams still use the Morris code?

A. No, we have switched to the international Morse (manually operated radio sending environment) code for our telegraphy communications and we use it extensively.

Q. Why do hams use the Morse code?

A. Telegraphy is an excellent hand movement exercise that helps burn off excess calories. It also makes us cut back on the number of sodas and chips that we would consume if our food-shoveling hands weren't otherwise occupied in manipulating our code keys.

This explains why CW aficionados are so thin. Repeater users, on the other hand, need the extra girth belt space on which to clip multiple hand-held radios.

Q. Why do I have to pass a code test to get a license?

A. A code test is essential to keeping the amateur service pure and unspoiled. Our old-time hams are your proof positive that only people of unsullied character can ever master the international Morse code.

But please do not listen to us on 75-meters! If you must do so, just ignore the foul language and bad manners that you may think you might be overhearing. It isn't really happening; it is just an ionosphere propagation anomaly.

Q. Can I use an electronic code reader when I take the CW test?

A. No. Were you to do that, the license grant should go to the code reader, not to you.

Q. I am a General Class operator. I would like to know something of the background of radio. For instance, what is a capacitor?

A. A capacitor is an upscale condenser. To eliminate confusion between a condenser for a radio and one for a distillery, we switched to the term "capacitor."

The moonshiners were complaining that our condensers didn't work at all in their stills. Moreover, their copper coiled piping condensers were actually inductive. So our Penn Wireless Association of Bucks County, PA, coined the term "capacitor."

Q. I want to increase my contest scores. What do you recommend?

A. According to experts in our Potomac Valley Radio Club, transmitting from a miserable DX location is the best way for you to go. The more miserable the creature comforts are at your location, the greater will be your score.

Otherwise, do as experts in the Frankford Radio Club of Philadelphia, PA, recommend: call "CQ" a lot and have a great big signal.

Q. I predict that the World is going to end in two years. Can I get a ham license to alert the public to this pending catastrophe?

A. No. Section 97.113(b) prohibits an amateur station from engaging in any form of broadcasting, i.e., making transmissions intended for reception by the general public.

Besides, our amateur service license grants are good for ten-years, so – should your prediction prove to be correct – you would be wasting eight years of its term.

Q. Why did hams switch from "cps" to "Hertz?"

A. The former term -- named for Charles P. Steinmetz -- fell into disuse. Our Laurel Amateur Radio Club was the first to adopt the term "Hertz" in recognition of our growing interest in operation from rented automobiles.

Q. I always receive a 59 plus 40 dB report, even after reducing my transmitter power as low as it will go. What can I do?

A. We feel your pain. Try disconnecting the antenna from the transmitter. If that doesn't work, chop both the antenna and the transmitter into pieces no more than 0.707 inches long. Bury the entire pile into the earth at exactly 468/frequency feet; for extreme cases, bury at 585/frequency feet deep. Cover with dirt and water daily.

Send your comments and questions by e-mail to:
johnston.john1@worldnet.att.net

Note: All of the above questions have really been asked or are based upon actual occurrences. As for the answers... well, as our Spring issue, your should be reading it in April.

Our regular hopeless, pathetic columnist, W3BE, will return in our Summer issue, searching, always searching, for yet another of your questions about our rules. Send them to: john@johnston.net



Receiving the Presidential Award is Steve Cerwin, WA5FRF (left). It was presented by Willard (Bill) Minton, AA5HI, President, Chapter 38.

QCWA STANDING COMMITTEE ORGANIZATION

COMMITTEE	CHAIRPERSON
ADMINISTRATION:	ED YODER, W3YMB
CHAPTER RELATIONS:	HAROLD CHASE, W1EES
EXTERNAL RELATIONS:	LEN NATHANSON, W8RC
FINANCIAL:	LEW GORDON, K4VX
PUBLICATIONS:	BOB ROSKE, N0UF

Addresses for Chairpersons can be found at the listing for QCWA Officers and Directors. A complete listing of all committee members is available at the QCWA website, www.qcwa.org.

QCWA AWARDS PRESENTED

QCWA awards were presented to two of the most valuable and respected amateur operators in our amateur service community for their work in administering the granting of our QCWA scholarships. As the long-time Chair of the Foundation for Amateur Radio ("FAR") Scholarship Committee, Hugh Turnbull, W3ABC, was inducted into our QCWA Hall of Fame. As the current Chair, Diane



Diane Zimmerman, AA3OF, receives the QCWA Presidential Honors Award in Vienna, VA, (l to r): Vic Clark Chapter #91 President Ray Johnson, K5RJ; Diane; and W3BE.

Zimmerman, AA3OF, received the QCWA Presidential Honors Award. The FAR is an association of some 60 amateur radio clubs in the greater Washington, DC, area. Its Scholarship Committee has been carrying out its work for 44-years.

Hugh Turnbull, W3ABC, was inducted into our QCWA Hall of Fame at a ceremony held



Hugh Turnbull, W3ABC, is inducted into our QCWA Hall of Fame in College Park, MD, by QCWA Members (l to r): C.T. Davis, K3EO; Rocky Jones, KC4UXO; W3ABC; W3BE; and Bob Anderson, W3RTA.

during the FAR-member Green Mountain Repeater Association's 34th annual business meeting in College Park, MD.

Diane Zimmerman, AA3OF received the Presidential Honors Award at a special ceremony held during the annual Holiday Luncheon of our Vic Clark Chapter #91 in Vienna, VA. Diane is also the Chair of the Laurel Amateur Radio Club Volunteer-Examiner Coordinator. One of the original VECs, LARC-VEC is very proud of its reputation of being the only one of the 14 VECs to have never charged anyone for its services.

Diane is highly proficient in assuring that LARC-VEC provides a very smooth operation in administering examinations at most area ham-fests, in Laurel, MD, and elsewhere. She leads the LARC-VEC delegation at our annual National Conference of VECs in Gettysburg, PA.

Our own QCWA Scholarship Committee — currently chaired by Buddy Smith, W4YE — has assembled contributions for a portfolio of investments that earns annually some \$20,000 in interest and dividends. Every cent of that money is granted to deserving ham operators to help them through college. This year, QCWA sponsored 15 scholarships.

THE FOUNDATION FOR AMATEUR RADIO, INC., a non-profit organization with headquarters in Washington, D.C., plans to administer fifty-four (54) scholarships for the academic year 2006 - 2007 to assist licensed Radio Amateurs. The Foundation, composed of over seventy-five local area Amateur Radio Clubs, fully funds three of these scholarships. Ten are funded with the income from grants. The remaining forty-one (41) are administered by the Foundation without cost to the various donors.

Licensed Radio Amateurs may compete for these awards if they plan to pursue a full-time course of studies beyond high school and are enrolled in or have been accepted for enrollment at an accredited university, college or technical school. The awards range from \$500 to \$2500 with preference given in some cases to residents of specified geographical areas or the pursuit of certain study programs. Clubs, especially those in Delaware, Florida, Maryland, Ohio, Pennsylvania, Texas, Virginia and Wisconsin, are encouraged to announce these opportunities at their meetings, in their club newsletters, during training classes, on their nets and on their world wide web home pages.

Additional information and an application form may be requested by letter or QSL card, postmarked prior to April 30, 2006 from:

Diane Zimmerman, AA3OF
Chairman Scholarship Committee
FAR Scholarships
Post Office Box 831
Riverdale, MD 20738

The Foundation for Amateur Radio, incorporated in the District of Columbia, is an exempt organization under Section 501(C)(3) of the Internal Revenue Code of 1954. It is devoted exclusively to promoting the interests of Amateur Radio and those scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

The Foundation encourages all qualified amateurs to apply for these awards. QCWA awards for 2006 are as follows:

Sixteen (16) Quarter Century Wireless Association Scholarships, three of which pay \$1500 and thirteen of which pay \$1000. There are no restrictions on the course of study and applicants must intend to seek an Associate, Bachelor's or Graduate degree. There is no residence area preference. Applicants must be recommended by a member of QCWA, but may not themselves be members of QCWA.



CHAPTER REPORTS

*Chapter Reports are a very important part of the Journal. We would like to see regular reports from all Chapters. If your Chapter is not represented on these pages, please ask your secretary to file a special report for the Journal. Please send the reports to Chuck Walbridge, General Manager, to arrive **NO LATER** than the following dates: January 1 for Spring, April 1 for Summer, July 1 for Fall and October 1 for Winter.*

Chapter 1, Cleveland (OH)

The Internet Linking Project (IRLP) was described by Bob Winston, W2THU, during the Chapter's first quarter luncheon meeting. This new technology, which links FM repeaters to the Internet, provides worldwide communication for radio amateurs faced with declining HF propagation.

Bob noted that the IRLP network uses digital switching and produces an instant and secure link between licensed repeaters around the world. Since its launch in 1998, IRLP hardware and software is now in version two and is serving over 1,000 repeaters (nodes) and is growing rapidly.

Production has ended on a new 21-minute Amateur Radio promotional video, "Amateur Radio: Wireless Window to the World." Co-sponsored by QCWA Chapter One, the DVD format presentation provides an overview of the many facets of ham radio and features licensees from around the world plus information on how to become a radio Amateur.

The video will be used by radio clubs and QCWA during public presentations on Amateur Radio. Details on availability and modest rental costs will be announced soon.

Devere "Dee" Logan, W1HEO

Chapter 10, Michigan (MI)

As I commence to write this article for the Spring 2006 issue of the Journal, it is officially the first day of Winter, December 21, 2005. We have already had our fair share of snow, and up here in the Upper Peninsula of Michigan, the total snowfall accumulation so far this fall is already in excess of 100 inches. By the time this article appears in the Journal, Spring will be in the air!

Michigan Chapter 10 ends their 46th year on a very happy note, having had a very active and prosperous year. Recruiting activity for the year includes the addition of 19 new members, and in spite of transfers out of our Chapter, and silent keys, our membership now stands at 107 paid up members. Our members continue to actively recruit new members and it is through their efforts that our

Chapter continues to prosper, and we thank all who have participated for a job well done!

Throughout the year, our Chapter has had a rather large volume of business with the QCWA Headquarters, and we would like to recognize our General Manager, Chuck Walbridge, K1IGD, and his lovely xyl, Jan, for the outstanding level of service that they have given to us. Since taking over the General Manager's position, Chuck and Jan have been faced with many "trials and tribulations" and have managed to overcome all of them and give the very highest quality of service to the QCWA membership. Thank you and congratulations to Chuck and Jan for a job well done.

We would like to extend a sincere welcome to the following new Chapter 10 members in 2005: Daniel, "Skip", Kwasneski, KA8IXC, Wetmore, MI; Walter J. VanNocker, WA8LRB, Battle Creek, MI; K.H., "Mark" Mark, NB8S, Farmington Hills, MI; James A. Sanford, K8ZZU, Clarkston, MI; M. Walter Maxwell, W2DU, Mount Pleasant, MI; Larry J. Smith, K9VFE, Ft. Wayne, IN; George Rouman, W8OWN, Big Rapids, MI; Stephen Sadler, WB8ZNR, Chase, MI; Ricky Pagel, WD8ASH, Petoskey, MI; Joe Panyard, K8DT, Lake Leelanau, MI; Robert Kissel, W8KPU, & his xyl, Susan J. Kissel, WB8TTN, Swartz Creek, MI; Alan W. Scott, W8KIZ, Marne, MI; Arnold Newman, W8KZB, Zeeland, MI; Roger J. Cameron, N8KV, Northport, MI; George A. Smith, Jr., WD8INW, Clarkston, MI; Ned B. Newlin, W8VFM, Sand Creek, MI; Charles P. Scott, N8DNX, Petoskey, MI; and John A. Holm, W8NFR, Dearborn, MI. We look forward to many years of good fellowship and fun with these new members and their families.

It is with deepest regrets that we must report the following silent key members in 2005: K.H. "Mark" Mark, NB8S, Farmington Hills, MI, silent key on March 31, 2005, and William Dale Cryderman, N8EIZ, Spring Arbor, MI, silent key on November 16, 2005. Both of these beloved members will be deeply missed by all of us here in Chapter 10. A donation was made to the QCWA Memorial Scholarship Fund in their memory. We extend our heartfelt sympathies to their families.

Our Chapter is very proud of long-time member, Beverley M. Stoner, K8ZJU, from Frankfort, MI, for



Beverley M. Stoner, K8ZJU, from Frankfort, MI, was selected by the QCWA Board of Directors and President, to receive the coveted QCWA President's "Roll of Honor Award".

being selected by the QCWA Board of Directors and President, to receive the coveted QCWA President's "Roll of Honor Award". Beverley was nominated for this most prestigious award in recognition of the many years that she has devoted to QCWA in Michigan, and Amateur Radio in general. She has been instrumental in the founding of several QCWA chapters in Michigan, active in RACES, has helped to establish various radio clubs within the communities that she has resided in, and for her contributions as a Volunteer Examiner and Instructor. She and her late husband, Marion Stoner, W8VWY, (SK), devoted hundreds of hours to the amateur radio community within the State of Michigan, and Beverley continues to be a Volunteer Examiner/Instructor, is a regular net control station on our Sunday ssb net, and has held all of the offices within Chapter 10 over the years. She is the first member, in the 46-year history of our Chapter, to receive this most prestigious award. We are all very proud of Beverley for all of her accomplishments and contributions to QCWA and amateur radio.

Other QCWA service award recipients for this quarter from Chapter 10, are as follows: Donald F. Christensen, W8WOJ, Midland, MI, received the QCWA award for Fifty Years of Continuous Licensing, George L. Rouman, W8OWN, Big Rapids, MI, received the QCWA award for Fifty Years of Licensing and the QCWA award for Fifty Years of Continuous Licensing. J. Arnold Newman, W8KZB, Zeeland, MI, received the QCWA award for Fifty Years of Licensing, and the QCWA award for Fifty Years of Continuous Licensing. Alan W. Scott, W8KIZ, Marne, MI, received the QCWA award for Fifty Years of Licensing, and the QCWA award for Fifty Years of Continuous Licensing. Thomas Sorrick, W8IZS, Pellston, MI, received the QCWA award for Fifty Years of Continuous Licensing. (Pictures of

some of these recipients will appear in the next issue of the Journal as press deadlines did not allow ample time to complete that task.)

Looking ahead to upcoming Chapter 10 activities, our annual meeting will be held at the Waterfront Restaurant, in Cadillac, MI, on May 06, 2006. We will have a luncheon, followed by our election of officers, and presentation of QCWA service awards for 2006. This event will start at 12:30 PM, local time, and is held in conjunction with the Wexaukeee Amateur Radio Club's annual Swap and Shop, held at the Cadillac Junior High School, in Cadillac, MI. The Swap and Shop starts at 8:00 AM, local time and runs until 1:00 PM, local time. The Wexaukeee ARC is very gracious to provide QCWA Chapter 10 with a table, at no charge, for this event. Our table will provide information about QCWA, various QCWA products for sale, and individuals wishing to join QCWA may do so at our table. Chapter members will staff the table, which will be located just inside the front door of the Swap and Shop. Tickets for the luncheon may be purchased at our table at the Swap and Shop, or at the Waterfront Restaurant. Details of the Swap and Shop will appear in the April issue of the ARRL QST magazine, or you may contact Mr. Brian Polk, KC8TXT, 13826 Serenity Drive, Marion, MI, 49665, or email address of: bandb@netonecom.net. Details of the QCWA annual meeting will be announced, well in advance, at the beginning of our regular Sunday ssb net, which is held on Sunday mornings, with a pre net starting at 7:30 AM, local time, followed by our regular net at 8:00 AM, local time, or you may contact Secretary Jim Bishop, W8JFB, at slojim@lighthouse.net, or 332 Pointe LaBarbe Road,

JOIN THE AWA

ANTIQUE WIRELESS ASSOCIATION

The original and largest historical radio-collector group

- Publishes *The Old Timer's Bulletin*, Marc Ellis, Editor, with:
 - Old-time amateur-radio contests
 - Communications receivers
 - Battery and AC receiver restoration
 - Vacuum-tube history and collecting
 - Free want-sell-swap ads
 - Early television
 - Horn loudspeakers
 - News of U.S. and foreign clubs
- Produces the famous annual Rochester meet
- Maintains unique radio-TV museum

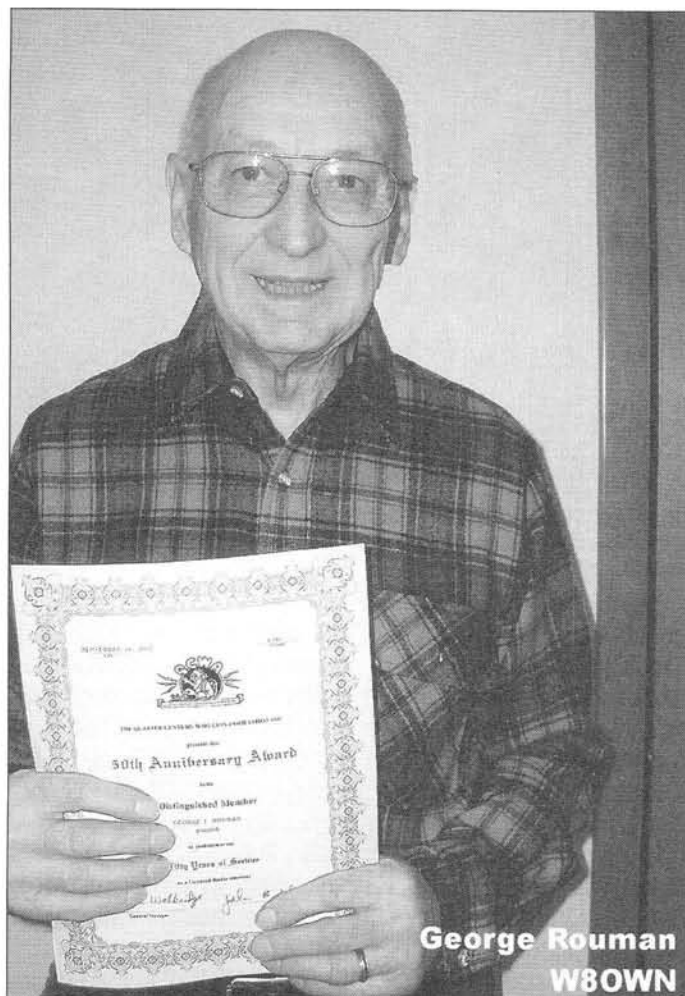


Membership is only \$20 per year in the US (\$25 elsewhere)

Write to:
Antique Wireless Association, Inc. • Box E, Dept. 3
Breesport, NY 14816 <http://www.antiquewireless.org>



Beverley M. Stoner, K8ZJU with her coveted QCWA President's "Roll of Honor Award".



**George Rouman
W8OWN**

George L. Rouman, W8OWN, Big Rapids, MI, received the QCWA award for Fifty Years of Licensing and the QCWA award for Fifty Years of Continuous Licensing.

Saint Ignace, MI, 49781-9657.

Our annual summer picnic will be held on Wednesday, August 15, 2006, at the Kenwood Park in Cadillac, MI, starting at 12:00 noon, local time. Details about this event will also be given in advance on our regular Sunday ssb net.

In view of the fact that this is the Spring issue, we wish to extend our best wishes to everyone for a Blessed and Happy Easter, and for a safe and pleasant Memorial Day. Let us not forget those loved ones that have gone before us and for those individuals that have made the ultimate sacrifice in order to protect and preserve this great Country of ours. May God richly bless America!

Any amateur wishing to join QCWA or make Chapter 10 their "Home Chapter" are encouraged to contact our Secretary, Jim Bishop, W8JFB, at the addresses shown above. He will be happy to assist you in your application process, and we look forward to welcoming new members to our Chapter.

The issue of delinquent national dues for QCWA needs to be addressed by each and every one of us. As of the end of 2005, our Chapter records

reflect several members that have let their national dues lapse. Any member who lets their national dues lapse will automatically lose their current membership status. This means that if your dues is delinquent, you will not receive any further issues of the Journal, you will not be qualified to hold office, or vote in any of the QCWA elections. In other words, your membership will be canceled and you will be dropped from the membership rolls. Please check your Journal mailing label to see when your dues expires and be sure to submit your dues payments to the National Headquarters as soon as possible so that your membership status will be preserved. Having to send notices of delinquent dues is an expensive and time-consuming procedure for the staff at Headquarters. We understand that there will always be some extenuating circumstances that will cause ones dues to become delinquent but the majority of most cases are that the individual has simply overlooked their expiration date. Your cooperation in keeping your dues current will be appreciated. If you have any questions concerning your dues expiration date, please

contact the National Headquarters via email, or telephone. The telephone number and email address for Headquarters may be found on page one of the Journal.

Until the Summer issue, take care, drive carefully, and we all wish you the very best of DX, and 73, from all of us here in Chapter 10.

James F. Bishop, W8JFB, Secretary/Treasurer

Chapter 11, NORCAL (CA)

Chapter 11 meeting on Nov. 16, 2005, was held at Harry's Hofbrau, Redwood City, CA. We had 25 members present. Our guest speaker was Brad Wyatt, K6WR, who gave a presentation and demo using the W7DXX Internet Remote Base system he has been using for several years. Brad lives in a condo/townhouse complex with CC&Rs prohibiting outdoor antennas, so this is how he has been active on the bands using the various stations throughout the world involved with this system. See www.w7DXX.com and www.w4mq.com for details and programs.

The monthly meetings of Chapter 11, NORCAL, are held the third Wed. of each month at noon at "The Carvery" - Harry's Hofbrau - in Redwood City on El Camino Real one block north (toward San Francisco) of the intersection with Highway 84.

The 2005 officers are Al Montoya, WB6IMX, President; Lee Savage, W6AQR, Vice Pres., and Brad Wyatt, K6WR, Sec./Treas.

Major topics of discussion at recent meetings have been the continuing threat of the proposed BPL test in Menlo Park, CA — now apparently abandoned — see www.fixthemachine.com, the 2005 QCWA Convention and Cruise; the recent Chapter 11 lunch at the Sequoia Yacht Club, the proposed FCC rules change to eliminate the Morse Code requirement, other current amateur radio news, and general good fellowship.

About 25 members usually attend each meeting. Each meeting we are pleased to welcome new members! Please come join us for the social hour starting about 11 AM with lunch starting a half hour or so later.

Brad Wyatt, K6WR, Secretary/Treasurer

Chapter 14, San Diego (CA)

On Sunday, November 6, 2005 Chapter 14 members and guests gathered in the spacious banquet room of a Denny's restaurant, waitresses took orders and soon the food was served. As we concluded our meal Chapter President Pat displayed some of the prizes, sold tickets and soon conducted the raffle drawing, a favorite part of our brunch meetings.

However, the program at this meeting was more interesting.

What would be a Ham's favorite dream come true? To retire early and sail one's own sailboat through the south seas, visit exotic islands and work lots of DX? Our guest speaker, Clark Straw, N5XX, described by means of an excellent slide show presentation, a fulfillment of his own childhood dreams. The account covered approximately a two-year period out of a voyage that started in San Diego, sailing down the coast to Mexican waters and heading across the Pacific. By means of his slide show we joined Clark, his boat, the "Final Straw" and crew consisting of his wife and son off the coast of New Zealand. The trip continued on to Fiji, Vanuatu and New Caledonia islands and Australia.

Communication to the States was mainly by means of WINLINK which combines Internet and Amateur radio. Ham radio DX activities were mainly with his station set up on land and using mostly CW. Weather forecasts were very important to determine when to set sail for a new destination. Ham radio contacts were helpful to provide this information.

Our meeting concluded after a short business meeting at which was discussed plans for the next meeting and the transfer of the office of Treasurer to Al Ickstadt, W6DYS and wife, Gwen.

Ruben Onstad, N6BAS, Secretary

Chapter 19, Missouri (MO)

On Saturday July 9, 2005, Chapter 19 held it's annual meeting. The following officers and trustees were elected for a two-year term.

- Jim Glasscock, W0FF, Chairman
- Roger Volk, K0GOB, Vice Chairman
- John Germanos, WB9PNU, Secretary/Treasurer
- Merle Bone, W0EWM, Trustee



Secretary John Germanos, WB9PNU presents Roger Volk, K0GOB with the Hall of Fame Award.

Chapter Reports

- Vern Hayes, WOCYF, Trustee
- Don Ward, WORTV, Trustee

Chapter 19 extends its congratulations to Roger Volk, K0GOB, for receiving the prestigious Hall of Fame Award. We also thank the Awards Committee for selecting Roger. At our monthly meeting on November 12, 2005, Secretary John Germanos, WB9PNU, presented Roger Volk, K0GOB, with the award.

Our Chapter also participates in a weekly net. The net control is Ken Scott, W9VHL. This net meets every Wednesday evening at 7:00 pm on two meters at 147.150 Mhz. If you are visiting the St. Louis area, please check in.

John Germanos, WB9PNU, Secretary/Treasurer

Chapter 20, Baltimore (MD)

George Asaki, W3MPN, received our 2005 Chapter Meritorious Service Award at our annual Holiday Luncheon at the Crab Shanty in Ellicott City, MD. Ken McKee, W3RFQ, received his Golden Anniversary Certificate. Jules Kozma, K0ZMA, won the grand door prize: an ICOM mobile transceiver. Chapter Vice-President Les Jamison, WR3X, was elected Chapter Secretary and Bruce Carpenter, W3YVV, was elected Treasurer.

Our Chapter is mourning the loss of our long-time Secretary-Treasurer Russ Smith, K3APM, who became a silent key on November 5, 2005.

Join us any Monday Noon for a great informal luncheon at Cactus Willies Steak Buffet and Bakery, 7315 Ritchie Highway, Glen Burnie, MD. It is directly across from the Empire Towers. Your XYL is invited anytime, but especially on the first Monday of each month. To join our Chapter e-mail list, send your e-mail address to john@johnston.net or stop by our table at any area hamfest.

Les Jamison, WR3X, Vice-President/Secretary

Chapter 21, Canton (OH)

The regular quarterly meeting of QCWA, Chapter 21, Canton, Ohio, was held on November 19, 2005, following dinner at the Chateau Michele, Canton, Ohio. There were 22 members and guests present.

President McCune presented the 55-Year anniversary certificate to Andy Hogue, W8DIR.

An election was held to fill the vacancy of Director, formerly held by Mel Vye, W8MV. The Nominating Committee nominated Phil Gizzi, W8IIV. Nominations were opened from the floor. As the train rounded the bend, a motion to close nominations was made and approved. As it passed into the distance, a motion for the Secretary to cast the



President McCune presents the 55 years anniversary certificate to Andy Hogue, W8DIR.

unanimous ballot was made and approved. Phil Gizzi, W8IIV, was elected as Director for two years.

Mel Vye, W8MV, our resident DXpeditioner, described the Dxpediton he and a group will be making next February to Peter I Island. It will be the most extensive and expensive DXpedition. More information may be found at peter1.com.

Nelson Caley introduced Mike Harlan, NG9D and XYL who presented a program about GPS and APRS. GPS is a satellite navigation system that has many uses.

Awards were made. A report was not made for the regular quarterly meeting of Chapter 21 held on August 20, 2005. Highlights of that meeting follow:

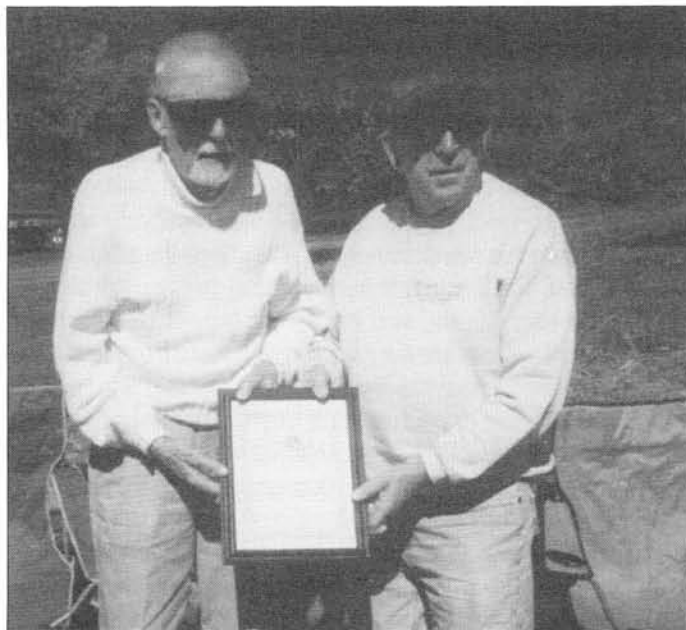
President McCune presented the 50-Year Anniversary and Continuous Licensing Certificates to Perry Ballinger, W8AU.

For the program Nelson Caley introduced our member, Perry Ballinger, W8AU, who described in detail with a video presentation, his several weeks aboard the LST 325 during its tour of the East Coast from Mobile, AL to Boston, MA. He was the radio officer with many duties. During Field Day he signed as WW2LST/MM 1CDX. DX was used because they were outside the coastal limit. They were in Boston when the USS Constitution did its annual turn around.

David Glass, W8UKQ, Secretary

Chapter 28, Central New York (NY)

The annual Chapter picnic was held on October 1, 2005, at the home of hostess Betty and host Bill Thompson, W2MTA, in Newark Valley. 20 members and spouses enjoyed the fine sunny weather, deli-



Chapter 28 President, KO2Q, presented W3HGS with his Fifty-Year Service Award.



President, KO2Q, and Secretary, W2MTA, welcomed new Chapter 28 Members W2FJB and W3SW.



Enjoying Chapter 28 Annual Picnic sunshine are Jack, WB2GHH; Vince, W3HGS and XYL Nita.

cious food and conversation on a great Fall day.

New members, W2FJB and W3SW, were greeted and Vince, W3HGS, was presented his 50-Year Service Award.

Plans for the Spring Chapter luncheon were discussed and officers for 2006 were determined by retaining our current ones.

Bill Thompson, W2MTA, Secretary

Chapter 29, Finger Lakes (NY)

A record twenty-six members and guests attended our September meeting. The program by Steve Auyer (N2TKX) described the destruction of two radio towers; one by Mother Nature's icy fingers and one by Army demolition experts from Fort Drum. The latter, the 1210 foot Forestport tower, had served as a test site for development of communications and navigation systems such as OMEGA and LORAN since the 50s. Video provided by Rome Radio Lab provided us with a ringside seat for the tower's April 1998 demise.

Our luncheon program topics range from vintage radio to the latest internet and telephone connectivity. Our December meeting will get us up to speed on the newest TV acronyms, standards and equipment, courtesy of WA2DGC and N2TKX.

Our May meeting provided a video tour of the Electronic Communications Museum in nearby Bloomfield, NY. The presentation was prepared by N2TKX and narrated by K2JDD, a member of the Museum staff. Through the courtesy of Museum Curator Edward Gable (K2MP) we had a WERS (War-time Emergency Radio Service) 112 Mc/s transceiver to check out in June. November provided the opportunity for a "hands on" experience with a working spark transmitter, a loose coupler 1914 vintage receiver and a BC-15 aircraft spark transmitter of the WWI era. Video of the 1901 site of Marconi's reception of that famous S at Signal Hill and his later Glace Bay transatlantic transmission site were shown at our October meeting. These videos were obtained from Parks Canada by WB2PEM.

The Presidential gavel for Chapter 29 was passed to Fred Herbs, WB2PEM by our President of the last three years, Al Obrist, N2AO in November.

Our meetings at Webers restaurant on the last Friday of each month are open to all. For details visit WWW.QCWA.ORG/CHAPTER029.HTM.

John Roubie, K2JDD, Secretary/Treasurer

Chapter 30, West Virginia (WV)

Winter seems to be off to a slow start this year. Lots of rain so far but I'm sure that will change. I put up

(continued on page 24)

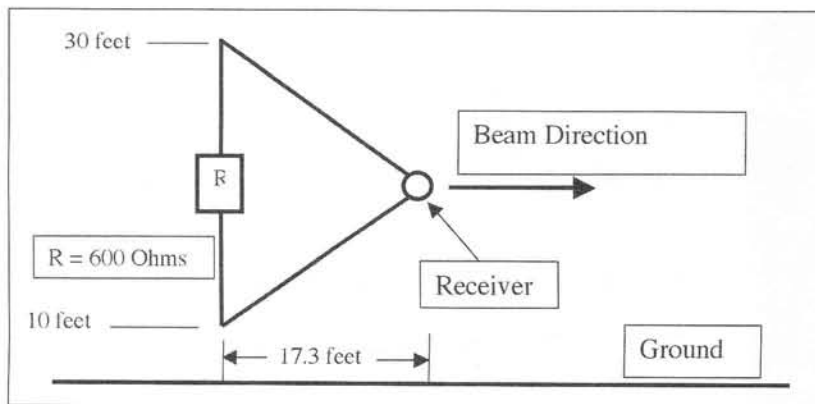


Figure 1. Diagram of the Single Pennant Antenna. This is a small antenna only 30 feet high at the top. To assure proper operation, the 600 Ohm resistor should have good RF characteristics and be of carbon composition.

- Then: $RDF = G_{max}(dBi) - G_{average}(dBi)$ [dB]

Example 1: A 160 Metre Pennant

This example demonstrates how you can use a very small antenna to achieve good results even if the antenna gain is very low.

The Pennant antenna under study is shown in Figure 1. It consists of three equal length wires, one vertical as shown. The vertical wire has a 600 Ohm terminating resistor connected to its centre. The other wires are connected to a balanced feed line that runs to the receiver. The resulting far field pattern is vertically polarized at low angles of radiation. The far-field Azimuth plot shown in Figure 2, indicates that the maximum gain at 20 degrees of elevation equals -34 dBi, and that the antenna beam pattern is the shape of a cardioid.

However, the average gain for this antenna is equal to **-41.77 dBi**. Hence: $RDF = -34.03 - (-41.77) = 7.74$ dB

Hence, this Pennant antenna, a small one, is nearly as good as a full size dipole with respect to RDF and it is vertically polarized.

Example 2: Two Broadside Phased Array Pennant Antennas: Spaced Wavelength

This example shows that a phased array of two identical Pennants not only increases the gain by approximately 3 dB but also increases the RDF by 3 dB at the expense of using a lot of real-estate. The array consists of the two Pennants described in example 1 above. The Pennants are located parallel to each other (Broadside, not end-on) at a distance of 0.5 wavelengths (80m).

Note that an antenna with a very low gain is not of much use for transmitting power. For example, if an isotropic antenna has a gain of -30 dB then for every Watt of power delivered to antenna from the transmitter, only 1.0 mW is actually radiated. In the case of the Pennant antenna, most of the power is lost in the 600 Ohm load.

Other Antennas

The previous examples show how to use EZNEC to calculate the figure of merit for any antenna that can be modeled using EZNEC. You might want to look at a bigger Pennant antenna or other suitable receiving antennas such as: the inverted L, T, Vertical arrays, EWE, Flag and others including the Beverage types. I strongly recommend

that you do this simple analysis before constructing a complex Top Band antenna system.

Antenna Complexity

There is more to the process of selecting an antenna system than calculating gain and RDF as similar antennas with respect to performance can differ drastically with respect to overall complexity. Complexity issues include: cost, size, real-estate needs, ease of set-up and tuning, weather (ice and wind storms) and grounding problems. These issues are not easy to quantify and must be based on experience. However, it is quite clear that a full size

160 metre dipole antenna is much more complex than a small Pennant antenna. Other antennas are not as easy to quantify.

To demonstrate the relationship between performance (RDF) and complexity, I have prepared a bubble chart, Figure 4, that illustrates the trade-off between RDF and complexity for various antennas. The chart plots RDF versus Antenna Complexity. Each bubble represents the approximate position of an antenna. Ideally, a perfect antenna has a high RDF and low complexity, the good area on the chart. Note that the Pennant antenna scores well in that it achieves a good RDF with low complexity while the two broadside Beverages, 1.75 wavelengths long, have the highest RDF (13.5 dB) at the expense of increased complexity. The previously mentioned WEB site of W8JI contains a complete table of the most common Top band antenna types. Some of the RDF data used in the chart can be found at the W8JI site.

Summary and Conclusions

This article laid the foundation for the evaluation of Top Band (160M) receiving antennas through the concepts of Receiving Directivity Factor (RDF) and Complexity. The concept of RDF can also be applied to other bands of operation when comparing two antennas such as a two element Quad and a three element Yagi for receive applications. Luckily, at the higher frequencies, one antenna can be used for both transmission and reception since the efficiency of most antennas is high. ■

References for Top Band Operation

1. ON4UN's Low-Band DXing, John Devoldere, Published by the American Radio Relay League, 1999-2002, ISBN:0- 87259-704-0, Third Edition.
2. Technical references for specific antennas:
http://www.dxzone.com/catalog/Technical_Reference/Antennas/
3. Top Band Reflector for information about 160 m:
<http://lists.contesting.com/mailman/listinfo/topband>
4. RDF data on Top Band antennas:
<http://www.w8ji.com/receiving.htm>

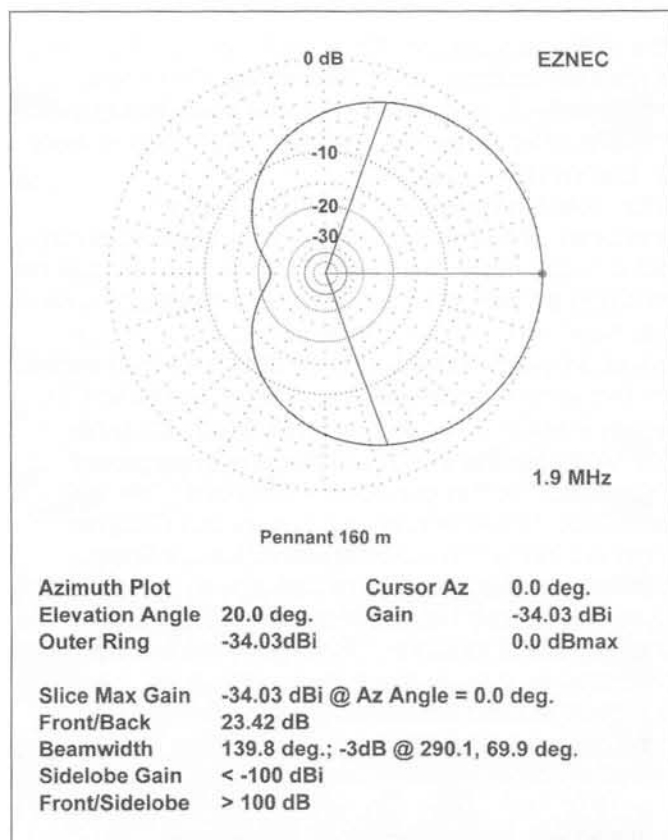


Figure 2. Azimuth Plot of 160m Pennant Antenna. This antenna has maximum gain of -34.03 dBi at an elevation angle of 20 degrees and an average gain in all directions of -41.77 dBi. Hence, the antenna RDF = $-34.03 - (-41.77) = 7.74$ dB. Also note that the antenna is vertically polarized.

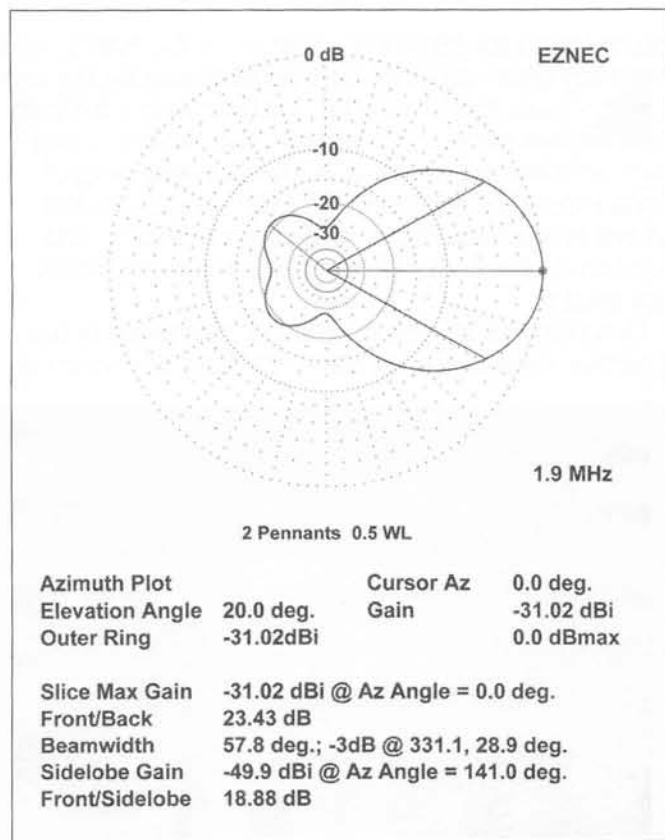


Figure 3. Azimuth Plot of Two Broadside Pennant Antennas. This antenna has a maximum gain of -31 dBi at an elevation angle of 20 degrees and an average gain of -41.5 dBi. Hence, the antenna RDF = $-31 - (-41.5) = 10.5$ dB.

MEDICAL ALERT: STROKE IDENTIFICATION

Here are "3" simple steps that may help you recognize that a stroke is taking place. Read and Learn! Sometimes symptoms of a stroke are difficult to identify. Unfortunately, the lack of awareness spells disaster. The stroke victim may suffer brain damage when people nearby fail to recognize the symptoms of a stroke.

A bystander may be able to recognize a stroke by asking three simple questions:

1. Ask the individual to **SMILE**.
2. Ask him or her to **RAISE BOTH ARMS**.
3. Ask the person to **SPEAK A SIMPLE SENTENCE** (Coherently) (i.e It is sunny out today)

If he or she has trouble with **any** of these tasks, **call 9-1-1 immediately and describe the symptoms to the dispatcher**. After discovering that a group of non-medical volunteers could identify facial weakness, arm weakness and speech problems, researchers urged the general public to learn the three questions. Widespread use of this test could result in prompt diagnosis and treatment of the stroke and prevent brain damage.

REMEMBER: A stroke is a medical emergency. Know these warning signs of stroke and teach them to others. Every second counts:

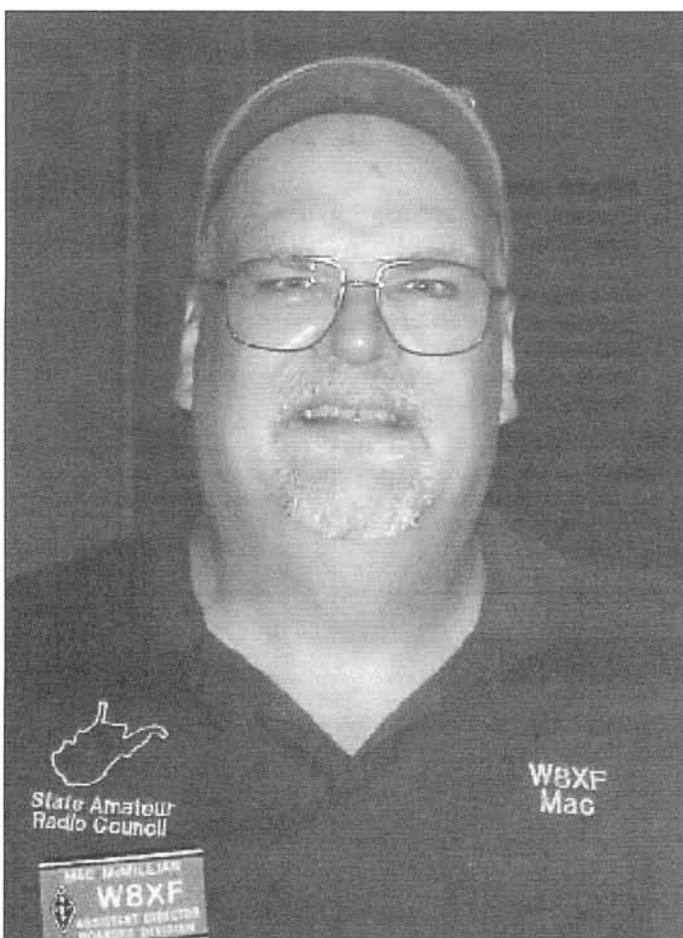
- Sudden numbness or weakness of the face, arm or leg, especially on one side of the body.
- Sudden confusion, trouble speaking or understanding.
- Sudden trouble seeing in one or both eyes.
- Sudden trouble walking, dizziness, loss of balance or coordination.
- Sudden, severe headache with no known cause.

Call 9-1-1 immediately if you experience symptoms! Time lost is brain lost!

For more information on strokes please visit the **American Stroke Association** web site:
<http://www.strokeassociation.org/>

an antenna for 160 meters last year, the first time in my forty plus years I've had an antenna for the top band. Then John, W8WEJ, invited me to take part in a 'serious effort' in December, the top band contest, with the operation of W8BAR and several of John's friends. That band and the serious contest efforts have been a real eye opener for me. The top band offers a lot of operating fun if you have not tried it.

Congratulations are in order for five more of our Chapter members who have attained fifty years of



Mac Millian, W8XF, Chapter 30's new Vice President.

being licensed. They include Ruth Rice, K8ARA; her daughter Judy Talago, K8AVP; Archie Carpenter, W8GWR; Carroll Ayres, K8BXW; and Joe Anderson, K8BCH. This brings the number of active Chapter members with Fifty Year Certificates to a total of 14. If you, or anyone you know, has been licensed 50 years and has not received a certificate, please get the information to me and I will make proper application.

Our good friends W8DL and W8PBO spent the Christmas season dealing with health concerns. Don continues to improve slowly from his lung surgery last year. Art had a heart cathertization in Charleston last November but they could not take

care of the blockages. They sent him to Cleveland for another cathertization December 27th where they installed three stints. He was back to normal activities after a few days of rest. It is good to hear our friends are doing well.

Our new Chapter Vice President is Mac McMillian, W8XF. Mac was born in Huntington in and is a graduate of Marshall University. He got his first ticket in 1977 and holds an Extra class license. Mac now lives in Charleston with Debbie Jo, his wife of 28 years, who is also K8DEB. Mac has served two terms as President of the Kanawha Radio Club and as President of the WV State Radio Council. Mac was also the ARRL WV Section Emergency Coordinator for the period of 1999-2005. We welcome Mac to the leadership role for our Chapter.

I do not have a date or location for our Spring gathering at the time this article has to be sent in. Please watch my newsletters later this Spring for the date, time and location. Also, tell your friends we are active and encourage them to join us. I would be happy to add names to our e-mailing list if you know anyone interested in our activities. Send a note to dmays@wirefire.com or a snail mail.

David Mays, W8UI, Secretary/Treasurer

Chapter 37, Harrisburg (PA)

The Harrisburg Chapter #37 had a good 2005, with our quarterly meetings at the Carlisle, PA, Bonanza meeting spot, and with some interesting programs presented by members on various subjects.

G. David Germeyer, W3BJG, was presented with his 50th Anniversary Award QCWA Certificate. Dave, W3BJG, on the left, is being presented his Certificate by Carl, WN3DUG, Secretary/Treasurer,



On left is G. David Germeyer, W3BJG, being presented with his 50th Anniversary Award QCWA Certificate by Carl, WN3DUG, Secretary/Treasurer, Chapter 37.

Chapter 37.

One of our members, James E. Thomas, W3BZS, Harrisburg, PA, celebrated his 98th Birthday in 2005, and is still very active, on the local 2 Meter net and attending meetings, when possible. Jim gave us a very interesting program at one of the meetings on his award-winning photography and his past Amateur Radio experiences.

Our President, Herm, W3OBY, presented several great technical programs over several meetings, that were enjoyed by all.

Irv, K3IUU, serves as our Net Control Station each Wednesday evening at 2100 Hours, local time, on the 147.120 2M Repeater. Any Amateur Radio operator is welcome to check in.

Officers for Chapter 37 are as follows:

- President: Herman Hanemann, W3OBY
- Vice-President: Irvin Sanders, K3IUU
- Secretary/Treasurer: Carl Morris, WN3DUG

We meet the second Saturday of each quarterly month, in March, June, September and December, at the Bonanza Restaurant, Carlisle PA, just off Exit 45 of I-81, at 11:30 AM local.

Our Spring meeting is Saturday, March 11, 2006 @ 11:30 AM.

Carl Morris, WN3DUG, Secretary/Treasurer

Chapter 41, Dallas (TX)

It is with a sense of deep appreciation of the many years of very dedicated service provided to the Chapter and a sense of loss that the resignation of Milbert (Bert) Wells, W5JNK, as Secretary/Treasurer has been accepted by the Chapter Board of Directors. Bert and xyl Nadine, W5ZUT, feel that it's time to pursue other activities not the least of which is traveling. Bert was a long-time employee of Braniff Airways where as a high-speed code operator he dispatched company traffic throughout the system. Those who have tried to "read the mail" know that Bert hasn't lost his talent as an ace CW operator.

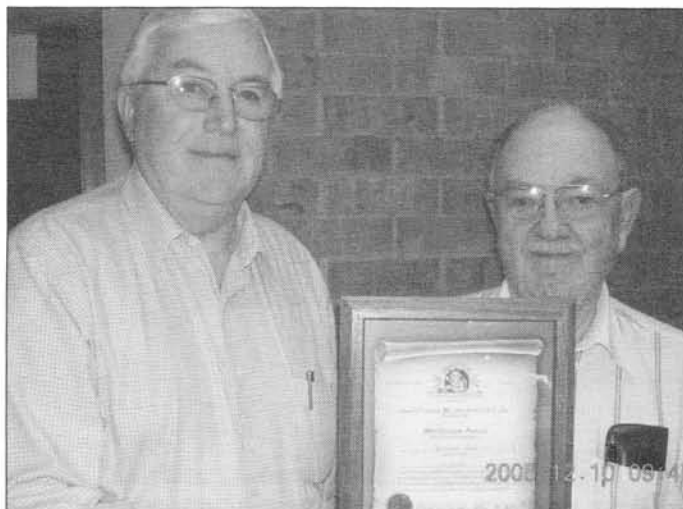
The Chapter is pleased to announce that Donald (Tiny) Retzlaff, W5MIY, has accepted the duties and responsibilities of the office Secretary/Treasurer succeeding Bert. Donald, like Bert, is a long-time Chapter member who is highly computer-versed and who will make for a smooth transition.

The Chapter regrets to announce that veteran member Jordan Jones, W5CF, has become a Silent Key. Jordan, who was also a member of the Fort Worth Chapter, flew military transport planes in WWII and was a retired Continental Airlines pilot. He was a gentleman and thoroughly enjoyed virtually a lifetime of ham radio.

Bob Olney, N5NT, Secretary



Chapter 41 President Steve Brodie, W5ZYU (left), is shown presenting a 50-Year Certificate to long-time member John King, K5CDV, who is an FM-radio station engineer in Dallas.



Val Erwin, W5PUT (left), representing Chapter 41, is shown presenting a Certificate of Meritorious Service to Milbert Wells, W5JNK, in recognition of his many years of outstanding service to the Chapter as its Secretary/Treasurer.

Chapter 45, Citrus (FL)

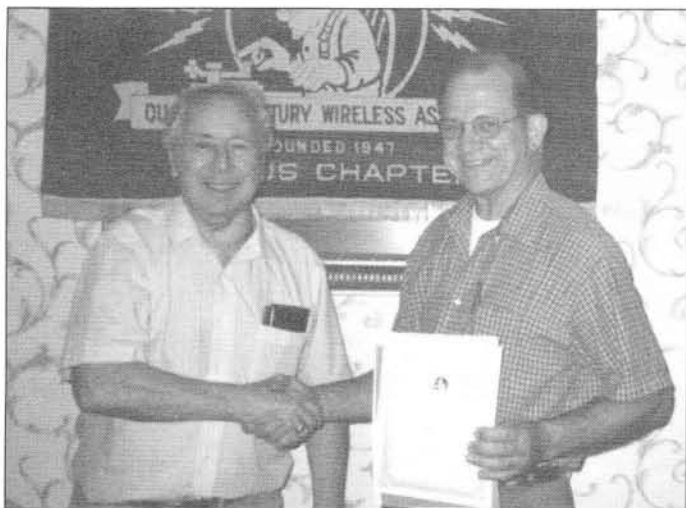
2006 is bringing some new items to the Citrus Chapter.

The newest item is me, as Chapter Secretary, starting January 1, 2006. I will be replacing Paul Turner, W1DLP. Paul has been a mainstay of our Chapter for many years. In recognition of his service to Chapter 45 and QCWA, Paul was presented with a "Fifty-Year Continuous Licensing Gold Certificate" and "Meritorious Award Certificate" by the Chapter President, Al LaPeter, W2AS. Thanks, Paul, for all you have done.

Ed Evenson, K14AGL also received his "Fifty-Year Continuous Licensing Gold Certificate" this past Fall. Ed is with the University of Central Florida, School of Electrical Engineering and Computer Science. He is the tireless leader of the UCF Ham Radio Club.



On right is Paul Turner, W1DLP. He was presented with a "Fifty-Year Continuous Licensing Gold Certificate" and "Meritorious Award Certificate" by the Chapter President, Al LaPeter, W2AS.



Ed Evenson, K14AGL, also received his Fifty-Year Gold Certificate this past Fall.

Next on the list is the great news that Walt Maxwell, W2DU, is preparing the third edition of his "Reflections II", hopefully in time for the Dayton Hamfest.

Finally, there is a change in our meeting place. The new location will be at the Holiday House Restaurant, 2203 Aloma Avenue in Winter Park, in the Aloma Shopping Center. We begin to assemble at 11:30 am on the third Wednesday of each month. All are welcome.

Emmett Ward, WA5EWN, Secretary

Chapter 49, Peach State (GA)

Our meeting August 27 at Fire Mountain Restaurant brought out 23 folks: Thirteen members, six guests and four spouses were present. After the round-robin introductions, Mike continued with health and welfare status and a moment of silence for recent SK's AE4GQ and W5SNX. The July meeting minutes

were accepted as published. Frankie noted that MATPARC now has a new repeater unit and it needs to be installed. He is scheduling the time and volunteers.

Sandy, W4RU, is still working on the details of Chapter 49 hosting the 2008 QCWA National Convention. The Chapter will again have a table at the Lawrenceville hamfest, with Mike handling the details and Doug, KT4XF, as first volunteer.

Sandy introduced our speaker, well-known DX-peditioner Bob Allphin, K4UEE. Bob talked and showed slides about the extensive planning required for a major DX-pedition like Peter I, 3Y0X, which is scheduled to begin in January 2006 after having to be cancelled earlier this year because of logistics problems. This will be the third expedition to Peter I inside the Antarctic circle off the coast of Antarctica. Peter I is under Norwegian Authority, but US rules govern the DX-pedition, i.e. State Department, EPA, etc. The first two expeditions occurred in 1987 and 1994. It is a very difficult island to access with no port or beaches, only steep ice cliffs on the coast. Everything must come in and out by helicopter off the ship. The team is hoping for 100 thousand contacts next year. There are over 20 team members going to the island and they've been planning for three years now. At \$500 thousand dollars, it will be the most costly DX-pedition ever. This is funded by the team members themselves, individual contributions, corporate sponsors, the DX community and Amateur Radio clubs.

At our October 22 meeting at Fire Mountain Restaurant were eight members, two spouses and our guest speaker in attendance. Mike started the round-robin introductions and mentioned H&W status of some unable to attend. The August meeting minutes were accepted as published.

Sandy introduced our guest speaker, Dick Baxter, K5TF. Dick talked about the need for estate planning and informing your family about your station equipment and all your basement treasures. Dick's father, Jack, passed away suddenly from an auto accident at age 81. Dick talked about his equipment and the problems of disposing of equipment. He suggested that we hams make a complete list of all equipment that needs to be disposed of after death. This would be a great help to the family, especially those without another active amateur. The list should include equipment valuation (and you'd need to keep that up to date), who to call for tower removal (and you should try to help your family out with that), disassembly and disposition (maybe you want something to go to friends or your club). Dick also suggested that clubs could be involved with their members and encourage producing this information. The club would then have a place to start to help the family and the family would have your list to go by and never feel like

they are being taken advantage of because they don't know about the gear and also not put the volunteers on the spot either. Of course, you need to be realistic about pricing and keep it up to date. It was also suggested that you could produce a letter (legal release) authorizing your club or an individual to properly dispose of your station and equipment. Dick mentioned that getting everyone going with these ideas can be a great club project and a great service to your family. So make your lists and write your letters and help your family and friends out. Let's just hope it's well into the future and you'll have to update for years. Dick and the SE DX club are starting to do this as a club project. Dick also mentioned that his daughter, Charamie Dunlap, a school teacher, has obtained her grandfather Jack's call sign, W5FRM. Thanks to Dick for the great program and making us think about these important ideas.

At the December 10, 2005 meeting were nine members, two spouses, one 'Friend' and one guest. Mike started the round-robin introductions and mentioned H&W status of some unable to attend. We passed around and signed four "missed you" cards to send to some members not in attendance. The October minutes were accepted as published. There was some discussion about the duties, etc. of the Secretary/Treasurer position. Main business at the meeting was the bi-annual election of officers. The nominees were then elected by acclamation. Sandy, W4RU also volunteered to continue as Program Chairman. Jerry will continue as Net Manager and Door Prize Chairman. Susan, AF4FO, will continue to make meeting reservations for us. Chapter officers for 2006-2007: President, Mike Swiderski, K4HBI; VP, Jerry Lofstead, W3CDE; Sec/Treas, David Bruse, W4DTR; and Directors Frankie Womack, W4BJT; Sandy Donahue, W4RU; and Fred Runkle, K4KAZ.

The annual gift swap was a great success with Mike coordinating the gift exchange and acting as our Santa. All seemed pleased with their acquisitions.

Chapter 49 meeting dates for 2006 are Saturdays: Feb 18, Apr 15, Jun 17, Aug 26, Oct 21 and Dec 9. One meeting will be a picnic and the others are tentatively scheduled for Fire Mountain Restaurant in Norcross.

Bob Lear, K4SZ, Newsletter Editor

Chapter 53, Suncoast (FL)

Suncoast Chapter 53 kicked off the start of its 2005-2006 season with 11 members and guests attending our 05 October luncheon meeting. While many of our Snowbird members were still up in the chilling northern climes, we had enough volunteers in atten-

dance such that we were able to schedule programs for five months ahead. Therefore, we just enjoyed an informal discussion period at this meeting, as several members related events or activities in which they were involved during the Summer.

We had 22 members and guests on hand to welcome QCWA John Johnston, W3BE, and his wife Betty, N3PKX, to our 02 November meeting. John had the opportunity to update us on current QCWA news. Ken Anderson, W4JQT, offered a very interesting and informative program about the development and installation of the ATT microwave systems. Ken showed off the vacuum tubes designed by Western Electric for this specialized service, as well as associated hardware utilized in those installations. Ken recalled some of his first-hand experiences as he discussed some of the quirks of the system.

Once again, we had 22 members and guests in attendance when Stew Haag, W4MO, offered an introduction to, and a rather detailed discussion and demonstration of, Software Defined Radio (SDR) at our 07 December meeting. Stew has been using the SDR 1000 manufactured by Flex Radio for several months and he is very enthusiastic about this new concept in modern communications equipment. One big advantage of SDR is that software improvements can be downloaded from the Internet, such that the radio is always on the cutting edge of technology.

From October through May, Suncoast Chapter 53 meets at Denny's, 3701 Bee Ridge Road, Sarasota, FL, at 11:30 AM the first Wednesday of the month. All QCWA members living in, or visiting, the Florida Suncoast area are always welcome. Please contact the undersigned at w4js@juno.com if you would like to join with us.

Jack Sproat, W4JS, President

Chapter 55, Wisconsin (WI)

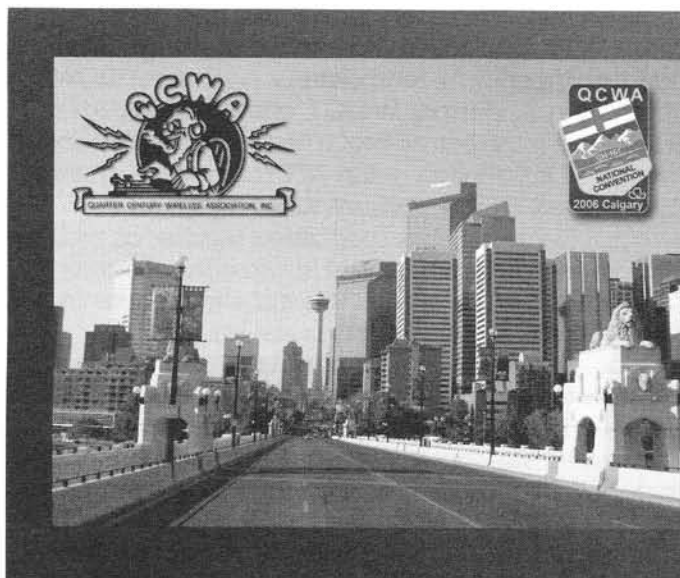
Starting with the Spring 2004 meeting (first of two each year) members brought "surprise" gift packages extracted from their valued "Radio Junquebox" collection for exchange with others at the meeting. A second meeting feature was added by Secretary Bette, K9GJC, in the form of creative arts display by our lady members and guests. Both of these added feature events seemed to be well accepted and will become part of future meetings.

Dave, WB9WHG, has been collecting Army surplus radios mostly from the WWII era and his BC-652 WWII field radio to the meeting for "show 'n tell". Dave started restoration work on it in the Spring of 2000, right before his house was leveled by a tornado that delayed his effort but returned to it five years later!

(continued on page 30)

TASTE THE ALBERTA ADVANTAGE!

Our Western Hospitality Awaits You and Yours!



QCWA INTERNATIONAL CONVENTION

Calgary, Alberta, Canada

September 28 – 30, 2006

<http://www.qsl.net/ve6afo>

Hosted By

Wild Rose Chapter 151

At

The Port 'O Call Inn, 1935 McKnight Blvd NE,
Calgary Alberta T2E 6V4

A block of rooms have been reserved at \$100.00 in Canadian Funds (includes taxes) for a Single or Double, up to August 26, 2006. After this date there is no guarantee this price can be honored. These rates are guaranteed 3 days prior to and after convention dates. *For reservations – contact the Hotel directly at 1-800-661-1161 and be sure to quote QCW0926 for this special rate.* There is a complimentary airport shuttle and many other amenities.

REGISTRATION: Registration will be available at <http://www.obsd.com/QCWA> or by mail-in. After registering on line your payment must be received through the mail to guarantee your registration. For those who register before August 1, 2006, a pre-registration prize along with added savings will be available.

CALGARY ATTRACTIONS: There are many! Here are just a few – Telus World of Science; Calgary Tower, the city's premier landmark complete with revolving Panorama Room; Calgary Zoo & Prehistoric Park; Botanical Garden; Fort Calgary Historic Park; Glenbow Museum; Heritage Park; Canada Olympic Park; Olympic Speed Skating Oval. Copies of the Alberta Vacation Guide will be available to all registrants on arrival.

CANADIAN ROCKIES: Mother Nature dealt its winning hand to the legendary Canadian Rockies which are clearly visible from Calgary, weather permitting. Flanking the province's western edge with its serrated peaks – this mighty patchwork of mountains, national parks, emerald lakes, charming village and untrammelled wilderness can hold its own in the most exalted mountain company. The Town of Banff and Lake Louise is well worth a visit and is less than an hour and half drive from Calgary.

SPONSORS - WILD ROSE CHAPTER 151: We were chartered on May 18, 1984 and the Convention Planning committee is working hard on your behalf to bring you many presentations and door prizes. *Who knows what you will be taking home!*

OUR WESTERN HOSPITALITY AWAITS YOU AND YOURS!



QCWA INTERNATIONAL CONVENTION

Calgary, Alberta, Canada

September 28 – 30, 2006

<http://www.qsl.net/ve6afo>

Hosted By

Wild Rose Chapter 151

at: The Port 'O Call Inn, 1935 McKnight Blvd NE, Calgary Alberta T2E 6V4



A block of rooms have been reserved at \$100.00 in Canadian Funds (includes taxes) for a Single or Double, up to August 26, 2006. After this date there is no guarantee this price can be honored. These rates are guaranteed 3 days prior to and after convention dates. For reservations – contact the Hotel directly at 1-800-661-1161 and be sure to quote QCW0926 for this special rate. There is a complimentary airport shuttle and many other amenities.

Name _____ Call Sign _____
(please print)

Name - Spouse/Guest _____ Call Sign (if applicable) _____
(please print)

Address _____
(please print)

City/Town _____ Province/State _____ P-Code/Zip _____

Telephone (____) _____ E-Mail _____

All prices are shown in both Canadian & US funds, rounded to the nearest amount. Please remit using the currency of your choice. All registrations must be accompanied with the correct funds, otherwise your registration can not be guaranteed. *(Remember – for a pre-registration prize all funds must be received before August 1, 2006)*

NOTE: September 05, 2006 – Is Booking Deadline For "Meet & Greet", Banquet, All Tours & Stage West Theatre

	No.	Can. \$	No.	US \$
Amateur Pre-reg. (Prior Aug. 1, 2006)	_____ @ \$20.00	_____	_____ @ \$17.00	_____
Amateur Registration (After Aug. 1, 2006)	_____ @ \$25.00	_____	_____ @ \$21.00	_____
Spouse /Guest	_____ @ \$ 5.00	_____	_____ @ \$ 5.00	_____
Friday 'Meet & Greet' (Western Style Beef on Bun)	_____ @ \$25.00	_____	_____ @ \$21.00	_____
Saturday Banquet (Buffet)	_____ @ \$40.00	_____	_____ @ \$34.00	_____
Sat. Stampede Casino (Incl. lunch)	_____ @ \$20.00	_____	_____ @ \$17.00	_____
Friday - Aero Space Museum Tour	_____ @ \$ 8.00	_____	_____ @ \$ 7.00	_____
Sunday - Stage West Theatre & Brunch	_____ @ \$65.00	_____	_____ @ \$55.00	_____
(Includes transportation to Theatre & return to Hotel)				
Commemorative Convention Pin	_____ @ \$ 5.00	_____	_____ @ \$ 5.00	_____
(Limited supply)				
	TOTAL:	_____	TOTAL:	_____

Queries may be made via e-mail to ve6afo@3web.net or telephone: (403)-226-5840. Make checks or Money Order payable to "QCWA Convention-2006" and mail to Nick Janzen at: 816 – 21 Avenue SE, Calgary, AB T2G 1N1.

For convention updates visit <http://www.qsl.net/ve6afo/Convention-Web/convention-2006poster.html>

Dave presented his program as follows: "This radio set passed final inspection at the Crosley Radio factory in Cincinnati, Ohio on April 11, 1944. Since it has been just about 61 years since that inspection, caution and diligence are the order of the day! A really nice feature on many of these military radio sets is that they are modular in construction, which makes it easy to check out the power supply, receiver section, and transmitter section one at a time. Try that with your KenYaesuCom radio! I decided to start with the receiver. The original coverage of the radio set begins at 3800 Kilocycles, and I wanted to slide that down just a little to 3700 KC so I can operate in the 80 Meter Novice CW segment, in addition to 3880 KC AM. I lashed up a power supply so I could bench-test it. Well, let's see here, 1.5 VDC for filaments, -6 VDC bias, and 90 VDC B+, OK... I put the filament supply on for a few minutes, and then slowly increased the B+, 10 volts at a time, to give those old capacitors a chance to limber up. I was able to very carefully break free the 60-year old trimmer capacitors for the local oscillator, 1st RF stage input and output, and adjusted them to shift the receiver down 100 KC. After removing the signal generator, it was time to try an antenna on it. Works great, and as an added thrill, I came across an AM QSO between a ham in Illinois, and one in Michigan. It was a lot of fun to hear their rich audio coming from that old receiver!" Very interesting Q&A followed with Dave filling in a lot of details requested by the members.

The Chapter 55 Banner was displayed at our "recruiting" table generously furnished by AES for our use during their popular springtime Super-fest. Recruiting handouts prepared for the event included a National QCWA "mission" statement, a page about Chapter 55 and applications for both the National and Ch. 55 QCWA groups. Our "Banner" will fly again and often at several future similar "swap" events.

All members present voting, Ron, W9BCK, President; Dave, WB9WHG, VP; Bette, K9GJC, Secretary and Ted, WA9RDI, Treasurer were re-elected at the Fall 2005 meeting. Several OTs exchanged a few hilarious radio-related experiences during their long careers and regaled the rest of us with their great good humor. This was our Fall program and one could not ask for better "educational" entertainment. It was decided that our Chapter needed a "mascot" or "symbol" to represent our Chapter at swap meets or other publicly-attended functions. Verne, W9RYA, agreed to burrow to the very bottom of his collected treasures and mount the "something" found therein on a pedestal of monumental proportion. It remains to be seen (exposed) just what Verne will (or has) found. This contribution to mankind will be seen for the first time in its new role in January 2006. The revelation

shall be duly reported here in some Quarterly issue receiving of the news, stay tuned. The Fall meeting closed with small prizes "won" by each attending member, courtesy Ted, WA9RDI.

Ron Yokes, W9BCK; for Bette, K9GJC, Secretary

Chapter 65, Niagara Frontier (NY)

Bernis Whalen, XYL of President, Tom, W2QI, passed on in August 2005 at age 80. Bernis was at nearly every one of our QCWA meetings in the past decade. She served as our collection agent for luncheon monies and helped organize and execute most of our major events such as our annual picnic and meeting. She also helped Tom with the various Chapter mailings.

Our Chapter gained three new members during 2005: Leonard Broncato, W2TPC; Jim Hain, W2IMY;

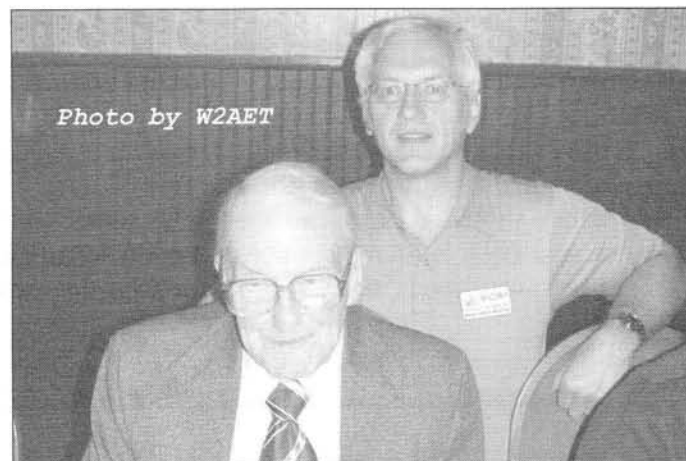


Photo by W2AET
Bill Hope, W2EWT (lower left) and Larry Rybacki, WA2ARA. W2EWT and WA2ARA are both retired radiomen from the United States Border Patrol agency. Although both have served all over the USA they were based in the Buffalo, NY area. Larry is Chapter 65 Vice-President and Bill was long-time Secretary for our Niagara Frontier Chapter. Both have received the Chapter's Meritorious Award.

and Dennis Paufler, N2DJP.

We continue to meet at Brennan's Bowery Bar & Grill, Transit Road Plaza, Route 78 at Main Street, in the Buffalo suburb of Clarence. Just a minute from I-90 Depew Exit. Our luncheon gathering is the second Saturday of every month at 12 noon. All are welcome.

Chapter Secretary, W2AET, toured the Canadian Military Communications Museum at Kingston, Ontario in late 2005 and presented a report to the membership at the January 14th meeting. The Museum contains an operating Amateur Radio station and much radio and communication equipment hams are familiar with. Admission is free.

Bob Rooney, W2AET, Secretary

Chapter 67, Austin (TX)

The Austin Chapter continues to meet on the third Saturday of every month at 2pm at the Denny's Restaurant near Northcross Mall in Austin, Texas. Monty Northrup, N5ESE, presented our featured program of the final quarter of 2005 at our November meeting. Monty's call sign is, of course, N5 dit-dididit-dit. He is one of the well-known "ESE" calls in the United States and is a kit builder and QRP operator extraordinaire.

QRP operators are a very active bunch of amateur radio folks and Monty is no exception. He is one of many Austin area QRP operators and experimenters who have been building QRP-related projects

in tiny Altoids tins. Yes, you can have a complete transceiver inside one of those little tins that you buy at the grocery store that has "curiously strong mints" on the outside! Yep, you can also have a transmatch inside one of those tins. How about a frequency counter built inside one of those tins? Sure! Why not? Monty has done it all! N5ESE has built several dozen projects that fit inside a little Altoids tin. His program for Chapter 67 was a hands-on showcase of many of his marvelous projects. Our Vice President, Hank Belopavlovich, WA5ZLI, presented Monty with a little gift at the end of his talk. What could be more appropriate than a box full of Altoids tins ready for a new N5ESE project!

Our December meeting was a nice Christmas season lunch with an exchange of gifts. It wasn't a simple gift exchange. Hank, WA5ZLI, organized a system of giving and taking of gifts in a friendly manner. Everyone present left with a nice gift and a fun time with our fellow Chapter members.

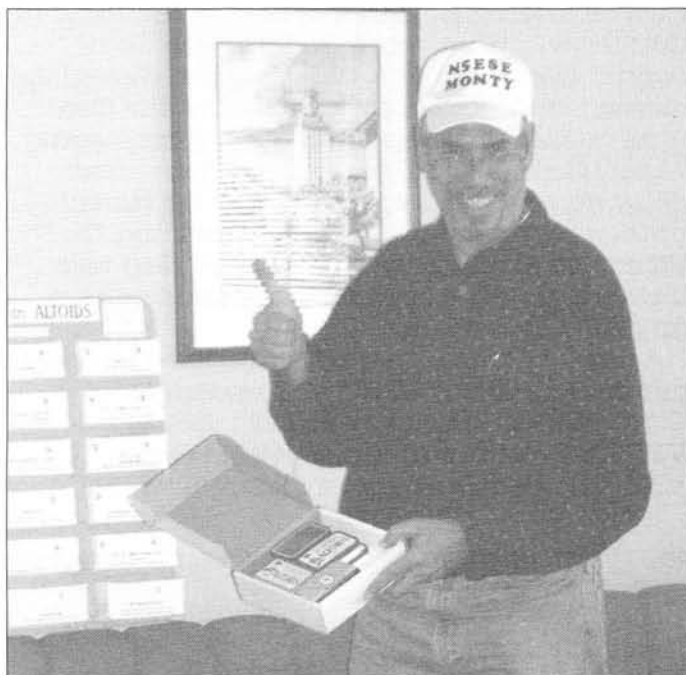
Our Chapter 67 Board of Directors has committed to hosting an auction on April 1, 2006 in Austin, Texas. It's an ambitious undertaking but our Chapter officers and members are looking forward to having fun planning it. Details will be given at the Chapter 67 website at www.qcwa.net.

Chapter 67 is continuing to provide the Austin area with weekly code practice sessions on the 146.94 MHz repeater. The practice begins at 8:00 pm every Wednesday evening.

Keith Zimmermann, K5WX, Secretary

Chapter 70, National Capital (ON)

The November Chapter 70 dinner meeting was our annual general meeting, held as usual, at the Family Restaurant in the Carlingwood shopping center. We had 42 members and 2 guests in attendance. Our new executive was presented by Past President Jim Dean, VE3IQ, the Nominating Committee of one. This year 3 positions were open. Two of the present executives agreed to remain so only one position needed to be filled as Clare Fowler, VE3NPC, who has been the Chapter 70 Secretary for the past six years, tendered his resignation. Tom Bartello, VE3ELM, agreed to take on this position. The new slate of Officers were elected by acclamation. Dave Parks, VE3AV, our Treasurer also presented a break even budget for next year. Doug Leach, VE3XK, our Pins Chairman, had five pins to award which were left over from the last dinner meeting as the recipients were absent. All but one were again not present at this meeting. Bryan Rawlings, VE3QN, was present to receive his 45-year pin.



Monty, N5ESE, at the Austin Texas Chapter 67 November 2005 meeting. A gift of Altoids is always loved by Monty!



The December 2005 Chapter 67 Christmas party in Austin, Texas.



Bryan Rawlings, VE3QN, (right) receives his 45-year pin from Pins Director Doug Leach, VE3XK.

Our guest speaker, Ken Pulfer, VE3PU, who is one of our Chapter 70 members, was introduced by Jim, VE3IQ. Would you believe Ken goes to Geneva twice a year for a month on behalf of the Radio Amateurs of Canada. World Radio Conferences (WRC) are held every two to five years. Decisions at WRC are taken by countries only. In between WRC, countries propose changes. These changes are studied by committees within the International Telecommunications Union (ITU) whose members include countries, large companies, and organizations like the International Amateur Radio Union (IARU). The membership of the IARU is made up of national radio amateur societies such as the Radio Amateurs of Canada (RAC), the American Amateur Radio League (ARRL) and the Radio Society of Great Britain (RRSGB). The headquarters of the ITU and the IARU are in Geneva Switzerland. The IARU participates fully in the ITU studies. Ken spends two months a year in Geneva as he is a RAC representative at the IARU. That is why Ken spends two months a year there and it is no holiday. Ken described "a typical day at the office". He rises about 6 am and has breakfast about 7. From 8 to 9 he reads his e-mail and catches up on his work. From 9 to 12:30 am he will attend a meeting where one hundred to two hundred attend. Then he has lunch and an hour or so to discuss items with other members. The afternoon is again taken up with meetings until 7. He then has his evening meal and goes to bed. The meetings are document driven. They are processed and discussed until a consensus is obtained.

As chair of a work committee Ken has to find a room, a time, prepare the agenda, conduct the meeting, prepare the output document, arrange for distribution and report back to the committee. Weekends are spent in personal contacts and discussions to facilitate reaching decisions by consensus. Ken now knows some 300 people by

name WRCC is currently reviewing the 4 to 10 MHz portion of the radio spectrum. The broadcasters want up to 800 kHz more spectrum and the IARU would like the 40 meter band to be expanded to cover 7.0 to 7.3 MHz world wide. Ken is concentrating his efforts in this area. Also on his agenda is Canada's proposal for a band at 135 kHz. Other topics are, BPL, UWB, little LEO's.. We are very fortunate indeed to have someone like Ken spending so much of his time and effort volunteering on behalf of all radio amateurs.

Clare Fowler, VE3NPC, Secretary

Chapter 73, Fred Hammond (ON)

Our Fall meeting for 2005 was held on Saturday, 15 October, with 57 members and guests in attendance. President Tom Atkins, VE3CDM, chaired the meeting, and was happy to announce that there were no Silent Keys reported since our last meeting.

Mary Card, VE3FEB, reported that three candidates were awarded scholarships for the current academic year, funded by the Chapter and The Hammond Manufacturing Company. Next year there will be four scholarships awarded thanks to an anonymous donor.

A slate of Chapter Directors was elected by acclamation: Tom Atkins, VE3CDM, President; Mary Card, VE3FEB, Vice-President; Keith Bentley, VE3DHL, Secretary Treasurer; Harold Braun, VE3DWH, Awards Chairman; Barc Nutter,



Gary Hammond, VE3XN, Contributing Editor for The Canadian Amateur magazine.

VE3HAH, Membership Chairman. A prospective new member who has since joined, Bert Almemo, VE3OBU, volunteered to be our Prize Chairman. President Tom thanked Ernie Crump, VE3OU, for his efforts as past Membership Chairman.

Harold Braun, VE3DWH, provided some interesting statistics regarding visitors to the Hammond Museum of Radio. For general information about the Museum, see <http://www.hammondmuseumofradio.org>.

We had a very entertaining, illustrated talk about the recent Kerguelen Island Dxpedition from Gary Hammond, VE3XN, who is the DX Contributing Editor for The Canadian Amateur magazine.

After lunch, we had our prize draw. Prize donors were: RadioWorld; Martin Rosenthal, VE3MR; Tom Atkins, VE3CDM; Len Dodds, VE3GHN; Jim Traves, VE3FMT; and Ernie Crump, VE3OU.

Our next meeting will be Saturday, 6 May 2006 at The Plainsman.

Keith Bentley, VE3DHL, Secretary/Treasurer

Chapter 85, Ark-La-Tex (LA)

Officers for 2006 were selected at the October meeting. Officers are President: Roger Ley, WA9PZL; Vice-President: Lawrence Lea, W5PQ; and Secretary/Treasurer: John Stewart, AA5KV. The club project for this year is to install a radio receiver at the Sci-Port Discovery Center in Shreveport, La. The receiver will be tuned to the International Space Station (ISS) amateur radio frequency of 145.80 Mhz. Using an antenna built by Ben McCasland, WA5PTE, visitors to the Sci-Port will be able to listen to amateur radio communications from the ISS. Many visitors to Sci-Port are students from area schools. Listening to ISS amateur communications will add an interesting element to the Sci-Port "space" experience. Our luncheons, the "lunch bunch", continue at Luby's Cafeteria in Bossier City every Thursday beginning at 11 AM. These informal gatherings are a great way to keep up with each other and swap stories. Everyone is invited.

John Stewart, AA5KV, Secretary

Chapter 89, Palmetto (SC)

(in joint picnic with S.C. Lunch Bunch NET)

Chapter 89 members enjoyed a joint get together with South Carolina Lunch Bunch Net on Oct. 27th 2005. The get together was held at the Air Force Recreation center on Lake Wateree near Camden S. C.

The Lunch Bunch net is an old old net having



Antique Junque distribution!



Busily enjoying the covered dish meal!

been in continued existence since the AM days and many of Chapter 89 members are also members of the Lunch Bunch Net so it was decided to make it a joint get together. The covered dish luncheon was a delight as the ladies prepared many of their specialties and family recipes.

The Lunch Bunch net has a tradition of two outings a year, one in October, the other in April which makes for good weather. In South Carolina Spring and Fall is always delightful.

Besides enjoying good food and fellowship one of the Lunch Bunch members brought a pick up truckload of valuable antique junk which was distributed to anyone who was willing to take something.

Chapter 89 phone net meets at 9 am Saturdays on 3930. The Lunch Bunch holds forth Monday through Friday at noon on 3930.

Ralph Mott, N4RM

Chapter 91, Vic Clark (VA)

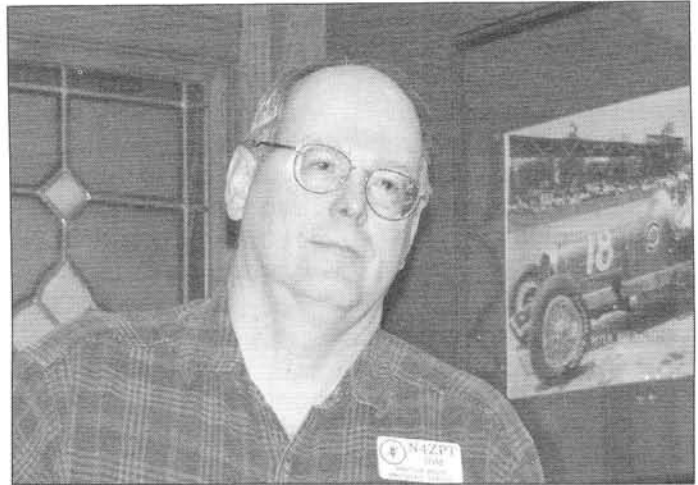
In October, we took a tour of Fairfax County's Alternate Emergency Operations Center (AEOC) located in a large basement area of the Government Center for Fairfax County, VA. Paul Bassett, KI4DTL, who is a volunteer with Fairfax County ARES and with the county's Office of Emergency Management, was our host and tour guide. The complete story with photos can be found on our website (see the URL below).

In November, we held our annual election of officers for the coming year and chose:

- President: Ray Johnson, K5RJ
- Vice President: Len Hook, KG6ZR
- Secretary: John Reiser, WQ4L
- Treasurer: Nelson Seese, W4BHD

Dick Rucker, KM4ML, retired as Secretary after serving 10 years. During two of those years, Dick was both Secretary & Treasurer. He will continue on as the Chapter's webmaster and publicist, taking photos and writing articles for the Web and the print media.

The featured speaker on this occasion was Tom Azlin, N4ZPT. Among many other activities, Tom is currently President of the Vienna Wireless Society, active in ARES for Fairfax County, VA, and a member of our Chapter.



Featured speaker Tom Azlin, N4ZPT. Among many other activities, Tom is currently President of the Vienna Wireless Society, active in ARES for Fairfax County, VA, and a member of our Chapter.

active in ARES for Fairfax County, VA, and a member of our Chapter. His subject: "the Marine Corps Marathon & Packet Radio." The complete story with photos can be found on our website (see the URL below).

In December, we held our annual Holiday Luncheon at the Marco Polo Restaurant in Vienna, VA, filling 8 large round tables with members and guests. John Reiser and Len Hook shared the duties of Master of Ceremonies. QCWA President John Johnston was invited forward to make two presentations:

QCWA's Presidential Honors Award to Diane Zimmerman, AA3OF and QCWA's Meritorious Award in behalf of Chapter 91 to Len Hook, KG6ZR.

In presenting the award to Diane, John noted that in 2005 QCWA granted 15 scholarships to young amateur radio operators to help them through their college years. To do this QCWA depends upon a committee of the Foundation for Amateur Radio (FAR) to administer these scholarships, along with a number of scholarships funded by other amateur radio organizations. In recent years, Diane Zimmerman has chaired this committee.

This award to Diane recognizes the value that QCWA and its members place on her work. John noted that Diane is the Volunteer Examiners Coordinator (VEC) for the Laurel, MD, radio club, and has done an outstanding job there as well. He noted that of the 14 VECs nationwide, the Laurel VEC is the only one that has never accepted compensation from anyone for its services. That's Ray Johnson, K5RJ, to Diane's right in the photo, and John Johnston on her left.

Outgoing President, John Reiser, then told what wonderful programs our Chapter has enjoyed over the past several years and said our Executive Committee decided this year to give credit where credit is due: to Len Hook, our VP and Program



Paul Bassett, KI4DTL, a volunteer with Fairfax County ARES and with the county's Office of Emergency Management.



QCWA's Presidential Honors Award is presented to Diane Zimmerman, AA30F. This award to Diane recognizes the value that QCWA and its members place on her work. That's Ray Johnson, K5RJ, to Diane's right in the photo, and John Johnston, W3BE, on her left.



The featured speaker, Bob Zimmerman. Bob's topic: Manned Space Flight.

Chairman since Jan 04.

Len Hook introduced our featured speaker, Bob Zimmerman. Bob's topic: Manned Space Flight. Suffice it to say that Bob held everyone's attention for over an hour, and nobody was seen dozing off! Sales of his book, *Leaving Earth*, were brisk afterward.

The complete story on Bob's talk, and where you also can buy his book, can be found on our web site (see below). There's also a large photo album of our members and guests all dressed up here: <http://homepage.mac.com/rucker/PhotoAlbum73.html>

For more on these programs, including photos, see: <http://homepage.mac.com/rucker/chapter91.html>

Dick Rucker, KM4ML, Secretary

Chapter 94, Albuquerque (NM)

The Winter 2005 Election meeting was held Saturday December 10 at Shoney's Restaurant located at Menaul and Louisiana. The 20 attendees enjoyed a variety of lunch items. This turnout is a little above our average, and we attribute it to door prizes and annual officer elections.

Our President, Carol Wageman, W5TIK, conducted the meeting.

The Nominating Committee posted the nominations for all positions to be filled, and their selections were voted into office "en masse". Officers for 2006 are: President, Paul Ridley, N5PR; Vice President, Ray Hill, KB5SF; Sec/Treas, Bill Wageman, K5MAT; Director/2006, Ray Hill, KB5SF; Director/2007, Jack Sprague, K4AK; Director/2008, Carol Wageman, W5TIK. Congratulations and may all signals be Q5 for the year.

Robbi Hill, KC5FT, was the lucky winner of the first door prize; a gift basket of chocolate goodies "to die for". Our guest, Marlene Sanders, won the other door prize. It was a Shoney's "pie of your choice". Marlene attends as chauffeur for Loyt Lathrop, W5YSK, who is a charter member of Chapter 94.

Chuck Stanton, W5LBU, Secretary

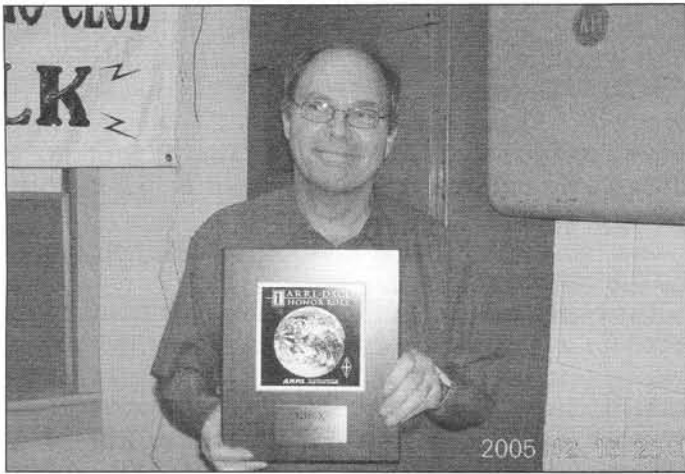
Chapter 102, Dakota (ND/SD)

Since the Winter has set in Chapter activities have slowed down somewhat. Chapter member Scott-WA0VKC reported he again sponsored the Boy Scouts Jamboree on the air. He had 20 scouts plus 10 Scout Leaders at the Black Hills ARC clubhouse. In addition to working other scout groups via HF, they assembled and tested crystal receiving sets. They made 19 QSOs with other Jamboree stations. This is the 3rd year that Scott has sponsored a Jamboree group.

We wish to congratulate Gary Peterson, K0CX, on receiving the ARRL DXCC Honor Roll Plaque. When he got his confirmation QSO card for his contact with Andaman Island he finally worked them all. He said it took him 18 years to get them. Gary hasn't said what his next challenge will be.

We had members in both North and South Dakota who took part in the National Weather Serviced Skywarn Recognition day by setting up ham stations and operating from the Weather service Offices. Chapter members have helped those Rapid City, SD Weather Service personnel who were interested, get ham licenses and set up their ham club

Frank Shaw, NU0F, President



Congratulations to Gary Peterson, K0CX, on receiving the ARRL DXCC Honor Roll Plaque.

Chapter 112, Yankee (MA)

Since Dewey's closed in January of 2005, it was necessary to find a new location in the general area of Cape Cod for our Christmas and Annual meetings. Several locations were investigated; one being Chianti's Grill in Middleboro. This proved to be an excellent choice for our Christmas party. All who attended were pleased with the new location. The food was well prepared and served hot, and the wait staff were courteous and attentive.

Our annual gift exchange, Yankee Swap for the hams, was extended to cover the non-ham gift exchange as well. Chapter President Bob, W1HH, acted as our "number caller" and kept things under control!

A "thank you" to those who generously brought a gift to contribute to the ARRL/Salvation Army toy drive in December. Jan and I packed a box with the donations and mailed it out on the Monday after the party.

In February, we will have our annual Valentine party at the Yangtze River Restaurant in Littleton on February 11th. April 22, 2006, will be our annual meeting, at Chianti's Grill, with election of officers.

Chuck Walbridge, K1IGD, Secretary/Treasurer

Chapter 119, Tidewater (VA)

The Tidewater (Va) Chapter 119 had a business meeting at Old Country Buffet in Chesapeake in November. A Nominating Committee submitted the names for new officers for 2006 and the following slate was approved: President, KI4VB, Mark Palsha; Vice-President, WA4TCJ, Al Crawford (incumbent); and Secretary-Treasurer, W4VIC, Vic Culver. President Wise spoke about member Gee



Left to right: Jim Wise, W4PRO, receiving the Meritorious Service Award Charlie Chapman, W1WTG, making the presentation.

Gwaltney, W4IF, who had completed 75 years as a licensed ham and a presentation ceremony was planned.

The QCWA Chapter 119 Annual Holiday Dinner was held at C & M Cafeteria in Virginia Beach in conjunction with the Virginia DX Century Club and the Battleship Wisconsin Amateur Radio Club on December 10th. About 20 QCWA members were present along with members of the other clubs. Door prizes were donated by the participating clubs and prize winners were drawn at the meeting. The proposed slate of officers for 2006 was elected and will take office on Jan 1, 2006. President Charlie Chapman, W1WTG presented a Meritorious Services Award and plaque to outgoing Secretary/Treasurer Jim Wise, W4PRO, for his years of service to the Chapter. The citation for Gee Gwaltney, W4IF, was read to the assembled group. W4IF could not attend the meeting and a presentation was planned for a later time. John Franke, W4WDL, presented a most interesting program on the history of navigation. A good time was had by all in attendance and the meeting concluded in good order.

The W4IF presentation was made on Dec. 14th in a special ceremony at the Chesapeake IHOP located in Churchland, near the Gwaltney home (see photos). Attending that presentation were President Charlie Chapman, W1WTG; Secretary/Treasurer Jim Wise, W4PRO; Vic Culver, W4VIC; Secretary/Treasurer elect, and close friend Art Westmone, W4EEU.

The 2006 Officers are: President, Mark Palsha, KI4VB; Vice-President, Al Crawford, WA4TCJ; and Secretary-Treasurer, Vic Culver, W4VIC.

Vic Culver, W4VIC, Secretary/Treasurer



Left to right: Al Crawford, WA4TCJ, incumbent VP; Jim Wise, W4PRO, outgoing Secretary; Charlie Chapman, W1WTG, outgoing President; Vic Culver, W4VIC, newly-elected Secretary; Mark Palsha, K14VB, newly-elected President.

Chapter 120, Quarter Century Wireless Women

Our Annual and only meeting of the year was held onboard the Holland America cruise ship Veendam as part of a seven-day Alaskan adventure 21-28 August 2005. Vice-President Janice Lentz, K4IJK was the presiding officer. Treasurer/ Newsletter Editor Larry McCalvy, WA9JMO; Terry, KA0BHO & Melba, KA0BAT Hoss; Dick Haxton, KC3AN; and Rita Hale, W1UZR rounded out the meeting group. Special thanks to Rita for taking our meeting's notes. President Carolyn Harrison, WB0OUM, and Secretary Ann Nutter, VE3HAI, were unable to attend.

Janice opened the meeting and requested a moment in honor of our recent Silent Keys. Minutes from last year's Ottawa meeting were not read (no one remembered to bring a copy). However, our previous meeting minutes are on our Web Page. You may reach it via QCWA's home page www.qcwa.org. Click on Chapter 120's Web page and they should be there.

Under Old Business there was none. New Business mentioned a slate of officers for next year's election which will occur during the QCWA Convention in Calgary. We hope many of you can join us and host Chapter 151 from 28 to 30 September 2006.

We are still looking for current, former and new members of and for the Chapter. Dues are \$5 per year, Life membership is \$50 and we hope to have our quarter newsletters back on track very quickly. I would like to thank those members who email me with contact information and your current activities. If you have an email address, please drop me a note (wa9jmo@wi.net) with at least your contact information. And if you feel a little chatty, please tell me what you have been doing over the past year or so. I will combine everything for the next

sYLver Sparks newsletter. I can also be reached by snail mail to 5400 Six Mile Road, Racine, WI 53402-9741, telephone at 262-639-7327, and/or FAX at 262-639-3320. Please write; I'd love to hear from you.

CQ...CQ...CQ...all Chapter 120 Members (Quarter Century Wireless Women)

We need an audit of all QCWW members in order to update our records. The list I have is out-of-date, so I'm appealing to you to contact me via email at ve3hai@rac.ca or write to me, Ann Nutter, VE3HAI, Secretary, Chapter 120, 1 Clearside Place, Toronto, ON Canada M9C 2G5. Please let me know if you would like to remain on our membership list or be taken off. Also, if you know of former members who are now Silent Keys, please let me know. I'm counting on you to help me update our records. Thanks everyone.

Larry McCalvy, WA9JMO, sYLver Sparks Editor

Chapter 128 Pelican, St. Petersburg (FL)

Chapters 32 and 128 held their annual event at the Seminole Lake Park in Seminole FL on November 9. We were pleased to have both National President John Johnston, W3BE and National Secretary Alan Pickering, KJ9N in attendance. As usual the amount of fried chicken was more than the combined memberships could consume so doggie bags were in evidence. The women attending brought a fabulous array of desserts and the only problem was the difficulty in choosing between them.

President Johnston gave a report on the recent Board meeting and stated that the switch to new offices and new staff went very well. Membership currently stands at about 7000. The scholarship fund now is approximately \$250,000 and the income is used for scholarships; sixteen students have been helped this year. As usual, there were numerous door prizes, including many QCWA baseball caps. We are grateful to Chester Electronic Supply Co. for their support.

Alan Pickering gave a report on the West Central Repeater Group and stated that a new site had been brought on line.

Ken Johnson, WA4TOP, Chairman of the Pelican Nominating Committee announced the slate of officers for the coming year: Ken Johnson, President; Ron Hall, Vice President; Ed Chandler, W4NEO, Treasurer, and Walt Supina, N3WS, Secretary. This apparently was well received by the group because there were no nominations from the floor.

Walt Supina, N3WS, Secretary

(continued on page 40)

Date	Mem. #	Name	Call	City	ST/PR	SPONSOR	SCALL
10/4/2005	33193	SMITH, GEORGE A, JR	WD8INW	CLARKSTON	MI	MICHAEL HALL	WB8ICN
10/6/2005	33194	SMITH, DAVID E	W3SOX	CARLISLE	PA	-	-
10/6/2005	33195	STUART, KENNETH L	W3VVN	PASADENA	MD	LESLIE T JAMISON, JR	WR3X
10/6/2005	33196	SINNEN, MICHAEL J	N6CNW	CHALLENGE	CA	-	-
10/11/2005	33197	NASCA, DON	WB2GPU	VANCOUVER	WA	-	-
11/8/2005	33198	FREEMAN, DENNIS J	K6YLN	FRESNO	CA	-	-
10/17/2005	33199	AVERY, GLENN E	KC7LW	CHICOPEE	MA	-	-
10/21/2005	33200	WHEELING, JOHN F, JR	K2ZMZ	RUMSON	NJ	BERNARD RICCIARDI	WB2EJT
10/24/2005	33201	WAGNER, JURGEN	DL4KE	GERMANY	-	-	-
10/24/2005	33202	RITTER, JOHANN-PETER	DH2BAO	GERMANY	-	-	-
11/7/2005	33203	KRUEGER, HELMUT	DM2BPG	GERMANY	-	-	-
10/24/2005	33204	EATON, DONALD CAMERON	W2SBI	NORFOLK	VA	-	-
10/25/2005	33205	PRICE, PAUL M	K0WN	FORT WORTH	TX	V TED MARTIN	KF5LO
10/25/2005	33206	BENSON, DONALD A	WN1OTV	MILLINOCKET	ME	PHILIP YOUNG	W1JTH
10/27/2005	33207	TICHY, JOHN M	KB3JG	HAVEN BEACH	NJ	-	-
10/28/2005	33208	RAGUSKUS, ANDREW	KA7EJQ	SALT LAKE CITY	UT	-	-
10/31/2005	33209	WINCHESTER, GENE	WM5E	SPRING	TX	-	-
10/31/2005	33210	DUNLAP, PHILIP H	K6PHD	SAN RAFAEL	CA	GEORGE A KLEIN	WR6D
10/31/2005	33211	SIEGELL, JEFFREY H	WB2YRL	BURKE	VA	-	-
11/1/2005	33212	PAYTON, GERALD D	AB5R	SPRINGDALE	AR	-	-
11/3/2005	33213	BROUSSARD, RAY J	WB5WWO	ORANGE	TX	-	-
11/4/2005	33214	PARRIS, DAVID C	AB8SB	BEACHWOOD	OH	-	-
11/7/2005	33215	WITTIG, EVERETT E, JR	WB7VNF	BISBEE	AZ	-	-
11/7/2005	33216	MALLON, BRUCE	WA4GCH	SEMINOLE	FL	-	-
11/8/2005	33217	ADAMS, JERRY	K2TDV	NEWARK VALLEY	NY	WILLIAM W THOMPSON	W2MTA
11/8/2005	33218	WELCH, JOHNNY L, SR	KE6CC	REDLANDS	CA	-	-
11/8/2005	33219	BARTON, JAMES D	KE5CXX	OKLAHOMA CITY	OK	GENE NAILON	K5DLE
11/9/2005	33220	ZANONI, MICHAEL M	NG7A	ASHLAND	OR	-	-
11/9/2005	33221	AARNES, DAVID I	N0LJK	TOPEKA	KS	TERRY A HOSS	KA0BHO
11/9/2005	33222	BAUER, KURT M	WB0AEA	LINCOLN	NE	CHARLES DAVID	K0FY
11/9/2005	33223	ALMEMO, BERT	VE30BU	TORONTO	ON	TOM ATKINS	VE3CDM
11/10/2005	33224	HELMSTEADT, JOHN R	WB2LFU	NORTH ADAMS	MA	R E SEIFERT	KB2FF
11/14/2005	33225	CONOVER, RICHARD K	KF4TX	JUPITER	FL	-	-
11/14/2005	33226	BILLS, KENNETH J	AB8VH	FARMINGTON HILLS	MI	LEONARD NATHANSON	W8RC
11/14/2005	33227	SCHATZER, TIMOTHY W	KA3IGW	BARNWELL	SC	-	-
11/14/2005	33228	BENNETT, CHARLES	N5CFN	HATTIESBURG	MS	JOHN PORTER	W4KGJ
11/15/2005	33229	WORLEY, HOWARD V, JR	W3HVV	SAXONBURG	PA	-	-
11/15/2005	33230	WIATROSKI, MARK S	WA2DUX	UNION	NJ	-	-
11/15/2005	33231	ANDERSON, DAVE	K4SV	TRYON	NC	PHIL FLORIG	W9IXX
11/15/2005	33232	MALLON, ROBERT W	W0BAD	ST LOUIS PARK	MN	-	-
11/15/2005	33233	SUPINA, AURA LEE	N3EPB	STATE COLLEGE	PA	WALT SUPINA	N3WS
11/18/2005	33234	STRAUCH, ROGER	KD6UO	BERKELEY	CA	DON MELCHER	W6CZ
11/18/2005	33235	STEINBRECHER, HERMAN	KX4ZZ	LAWRENCEVILLE	GA	-	-
11/22/2005	33236	STOJANOV, KOSTADIN	AA9IV	SKOKIE	IL	-	-
11/22/2005	33237	CASHDOLLAR, ROBERT C	NR8U	NEWARK	NJ	FRANCIS TENDER	WD8E
11/22/2005	33238	LOGIE, JAMES A	N4VH	ORLANDO	FL	ALFRED LA PETER	W2AS
11/22/2005	33239	NIX, LOUIS A	WD5GLO	MINCO	OK	GENE NAILON	K5DLE
11/22/2005	33240	ERICKSON, GARY	N9GE	RACINE	WI	-	-
11/28/2005	33241	VOELKELT, JOE	KL7LF	FAIRBANKS	AK	-	-
11/28/2005	33242	ASHWORTH, WAYNE	W4HG	SALISBURY	NC	JACK EMERSON	W4TJE
11/29/2005	33243	HARRIS, RICHARD B, SR	K7VCD	MOUNTLAKE TERRACE	WA	BOB ROSKE	N0UF
11/30/2005	33244	HOLM, JOHN A	W8NFR	DEARBORN	MI	CHRIS ANDERSON	K8VJ
11/30/2005	33245	CERN, YEHUDA	K8HGZ	NEWTON	MA	-	-
12/2/2005	33246	KIDDER, GEORGE W, III	W3HBM	BAR HARBOR	ME	-	-
12/2/2005	33247	HARRINGTON, JOHN W	KC9JI	PLACITAS	NM	FRED ZIMRING	W5HTR
12/2/2005	33248	KEANE, JOHN T	W6CCV	NOVATO	CA	GEORGE A KLEIN	WR6D
12/2/2005	33249	DE LEE, JOE	KB6JC	AMARGOSA VALLEY	NV	-	-

* Reassigned

New Members (continued)

Date	Mem. #	Name	Call	City	ST/PR	SPONSOR	SCALL
12/5/2005	33250	BERGER, ROBERT L	AC4H	LAKE WORTH	FL	JEFF BEALS	WA4AW
12/5/2005	33251	TIMBLIN, MARY E	W7MET	SHELTON	WA	GAYLORD L TIMBLIN	K7HF
12/6/2005	33252	BASHORE, FRANK W	W1IBM	OVIEDO	FL	ED EVENSON	KI4AGL
12/6/2005	33253	PERRIN, RAYMOND W	VE3FN	OTTAWA	ON	-	-
12/7/2005	33254	OLSON, JOHN T	KG0SF	MINNEAPOLIS	MN	HAROLD R CLOUGH	K0GTT
12/9/2005	33255	HARTMAN, WARREN W	W3JDF	JOPPA	MD	LESLIE T JAMISON, JR	WR3X
12/12/2005	33256	VISCONTI, LOUIS	KD2MU	MILLER PLACE	NY	-	-
12/13/2005	33257	JURGENS, THOMAS E	KY8I	FRANKENMUTH	MI	-	-
12/19/2005	33258	BRADFORD, DENNISON L II	W9GOD	HERMITAGE	TN	GEORGE E JOHNSON	W9TNN
12/21/2005	33259	ANDERSON, NICHOLAS	WA8NTW	WHITEHOUSE	OH	-	-
12/21/2005	33260	PRETTYMAN, WILLIAM	W3HRT	MILLSBORO	DE	MIKE MC CLANAHAN	W3RMM
12/27/2005	33261	PLATT, TERRY	K5ADF	SAN ANTONIO	TX	-	-
12/29/2005	33262	BROWN, KENNETH	KE9TC	CROWN POINT	IN	-	-

BOOK REVIEW



The Secret in Building 26

By Jim Brosse and Colin Burke

Reviewed by Robert R. Smith, KK3P

Published byh Random House. First edition, hardcover with black and white photos.

ISBN 0-375-50807-4. 299 pages, \$26.95.

Intrigue, industrial secrets and the Enigma machine: this book has 'em all! It is the story of Joseph Desch, W8ANP, and his role as the senior civilian in the American Enigma program. That sentence may take you aback if you, like me, developed your sense of the Enigma story from F. W. Winterbotham's 1974 *The Ultra Secret*, the story of the eccentric, brilliant and politically-connected Brits who broke the secret of the code machine that was used by the German Navy to communicate with their U-boats. Brosse and Burke tell parts of that story again, but their focus is different.. Although the British mastered the three-wheel Ultra, they were stymied by the four-wheel Triton. Enter the Americans.

Before they get to that part of the story the authors

give us a readable but sketchy history of the development of American code-breaking from 1919-1945. We meet the "intuitive" code breakers, led by Agnes May Driscoll; whose instruments were pencils, legal pads and concentrated minds. The British offered her, as the senior U.S. Navy code breaker, one of their machines. Distrustful of committees and machines, she rejected it. The authors call it "one of the biggest Allied intelligence mistakes of World War II" but go on to say she should not carry the blame alone: "the roots of the error were deep in the soil of American intelligence history."

Driscoll's successor as manager of Navy cryptography looked to industry for help and we meet some members of the information power elite of the time: Vannevar Bush of MIT, Colonel Edward A. Deeds and Charles "Boss" Kettering of the National Cash Register Company and their chosen instrument, the director of engineering at NCR, Joe Desch, W8ANP. In 1942 NCR entered into an open-ended no-profit contract to construct a machine that would decipher the German Navy's messages encoded using the four-wheel Triton model of the Enigma. It was a contract NCR

(continued on page 49)



Left to right: Bill Bell, K4AVH; Alan Pickering, KJ9N; Walt Supina, N3WS; John Johnston, W3BE and Bart Bridge, W2ZYQ.

Chapter 138, Marconi (Central NJ)

Marconi Chapter 138 sponsored a tour of the Continental Airline facilities at Newark (Liberty International) Airport on Tuesday, November 29. A Continental representative met us at Terminal C and proceeded to give us a very interesting guided tour which included a very rich history of the airport. It's the oldest of the New York City area airports and was the first to have a paved runway. It also played a significant role in the early air mail operations.

The highlight of the tour took us into the Continental control tower above terminal C (security restrictions would not permit us access to the main control tower). This is where all of the ground traffic control between the taxiways and the terminals takes place. It also serves as a control point for all of the Continental operations such as baggage handling, food service, etc. Of particular interest was the display with a dot locating each airborne commercial flight. The entire east coast was covered with dots!

At the conclusion of the tour, we had lunch at one of the excellent restaurants in the terminal before proceeding home. It was an enjoyable and very interesting tour.

Bob Buus, W2OD, Secretary

Chapter 146, Twin State Chapter (NH)

The Twin State Chapter had their Holiday Party on Saturday, November 12, 2005, at Sean and Nora's Restaurant in Barre, Vermont. Because our Chapter has such a large land area, we have decided to have our meetings spread out over both States in order to entice new members to join. This meeting was the second best-attended meeting of our Chapter. We had 27 members and friends attend



This is one table of the Chapter 146 Holiday party on November 12th, 2005.

this meeting. WIBMK, Norm Gregoire, his wife Elizabeth, KB1CPZ and John Stark, N1JIO came about 200 miles to join us. He also had several members join us from the New York State including N2PAX, Sonia of Saratoga Springs, NY and Helen Anderson of Queensbury, NY. Thank you all for coming and making this event so successful.

Sean and Nora's allowed the group to order off the menu and food was received very quickly especially with such a varied fare. When dinner was completed, we enjoyed a good old-fashioned "Yankee Gift Swap" for those that wished to participate. Everyone enjoyed the giggles and laughs when the gifts were opened. Most, however, chose to keep the gifts they'd drawn. This was a great way to start the holiday season. It was such a great day to meet fellow QCWA members and to have hopes in interesting more eligible hams to join this great Organization. Chapter 146 hopes to do this gathering again next year.

Don't forget our Chapter nets. We meet at 8:30AM Sunday mornings on a frequency of 3.912mhz. We also have a local net on 2 meters on Mt. Ascutney in Windsor, VT on a frequency of 146.76mhz at 7:00 PM on Thursday evening, which we have referred to as the "dementia" net because some of our members (yours truly is a culprit) forget this meeting. Please come and join us.

When the meeting was completed, several members went to the world famous Barre, Vermont Cemetery to see the granite sculptures there. This cemetery was featured on "60 Minutes". A memorable time was had by all.

Cheryl Breuning, WA1WEY, Secretary

Chapter 149, Nutmeg (CT)

The QCWA Nutmeg Chapter 149 meeting was held at Guilford Tavern in Guilford, Ct. We had 29 members and guests present.

The meeting was called to order at 12:30 hours. Luke, KA1SE, our President, welcomed our guests,

Kary Chaffee, (widow of our founder), Mary Hobart, K1MMH (our guest speaker), Obie Oberman, W1ESK, and his XYL, Emile, KB1KMW. We remembered the sick and homebound; Wade Holcomb W1GHU, Temple City Conv. Hosp. 5101 Tyler Ave. Temple City, Ca. 91780. George Hart, W1NJM who was unable to attend because he is now living at Avery Heights, Hartford; room #61, Noble. New Britain, Ave Hartford, Ct. 06101. Tel. 860-953-1440.

We recognized the following special occasions: George Hart, W1NJM, has received a Distinguished Service Award from the National Office of QCWA, to be presented later. Grace Culley, received an award from the Queen of England in recognition of services to that country during WWII. Myra Cohen was re-elected to the Newington Town Council for the 8th time.

Mark, W1ZEK, our Vice-President, became the proud father of a baby girl. We all made self-introductions and Tony, W1CGI, gave the invocation, and we had a great lunch. Al Cohen, W1FXQ, introduced our guest speaker; Mary Hobart, K1MMH. She is the Chief Development Officer at the ARRL. She gave a very interesting talk about the 'works' of the ARRL and talked about what happens at the league, and hams at hurricane Katrina. After her talk we had our business meeting. We voted to dispense with the Secretary's reading of the minutes, and the Treasurer's report as they are recorded in the Receiver.

Roy, K1JNR, will still be our QCWA Chapter 149 web master. He has been working with Gary, K1MQ, on members forum link. See the Receiver for details. Rich, K1FPP, and Roy, K1JNR, have decided to discontinue the editing and publishing of the Receiver as of May 2006. We wish to thank both Rich and Roy for the many hours they have dedicated to the Receiver. We are looking for volunteers to assume responsibility for editing and publishing of the Receiver.

A Nominating Committee for the next election was chosen from volunteers, John, Al, Mark, Gary. Any suggestions for the location of the February 11, 2006 meeting place, please contact Luke.

We want to thank Paul, K1AFI and Cynthia for providing the prizes for the meeting. Mimi has volunteered to get the prizes for the next meeting. Note: Howie, W1CL came the farthest away to the meeting (Vermont). The meeting was adjourned at 1515 hrs.

Note: Awards for February. Fifty Year Awards: Richard Carlson, W1KZX, fl 1956; Richard Cheney, W1JDL, fl 1956; Bill Page, W1LCJ, fl 1956; Willard Revaz, W1TS, fl 1956; Paul Taylor, K1AFI, fl 1956; Donald Thomas, W1HQM, fl 1956; Bill Wawrzeniak, W1KKF, fl 1956. Fifty-Five Year Award: Norma Kornacki, W1UBM, fl 1951. Sixty-Five Year Award: Don Steel, W1NFG, fl 1941. Seventy Year Award:

William Heil, W1JXR, fl 1936. Seventy-Five Year Award: Thomas Guadlana, W1DCM fl 1931; John Savonis, W1DBS, fl 1931. Also a Meritorious Award to Roy Hilt, K1JNR, for putting together the QCWA Chapter 149 Website.

Tony, W1CGI, Secretary

Chapter 150, DEL-MAR (VA)

In September, Chapter 150 had its annual picnic at the QTH of Dick Drevo, W3GNQ in Lewes, Delaware and John Johnston, W3BE, attended as a guest. The weather was good and the food excellent. A very nice get-together which was enjoyed by all.

In November, we had a business meeting at Geyer's restaurant in Milford, Delaware with election of Chapter officers for 2006. They are: President, Mike McClanahan, W3RMM; Vice President, Frank Wessely, KA3UUC; Secretary/Treasurer, John Willmuth, NQ4Q; Board of Directors: Bill Kuning, W3BY and Walt Brink, W3WPY.

In 2005, Chapter 150 had three members who were presented Distinguished Member Certificates (Anniversary awards). They were: Jack Salin, W3FKT - 70 Years; Tom Smith, W3LOV - 70 Years; and Frank Wessely, KA3UUC - 65 Years.

Most of our meetings are held the second Wednesday of each month at Geyer's Restaurant in Milford, Delaware. The meeting time is 11:30 AM. We sometimes have our meetings at other locations and on weekends to allow those members unable to attend on Wednesdays an option.

Please visit our website at <http://www.qsl.net/qcwa150>. Should you visit Maryland's eastern shore, we have a 9:00 AM Sunday morning Chapter 150 net on the Salisbury, Maryland 146.22/82 MHz repeater.

John Willmuth, NQ4Q, Secretary/Treasurer



Chapter 150 annual picnic 9/21/2005. Standing L to R: Earl Radding, (KD3IH); Ed Hill (W3FEG); Mike McClanahan (W3RMM); John Willmuth (NQ4Q); Dick Drevo (W3GNQ); John Johnson (W3BE), and Bill Kuning (W3BY). Sitting L to R: Mary (Friend of W3FEG); Frances (XYL of W3FKT); Jack Salin (W3FKT), and Helen (Friend of KD3IH).

Chapter 151, Wild Rose Alberta (AB)

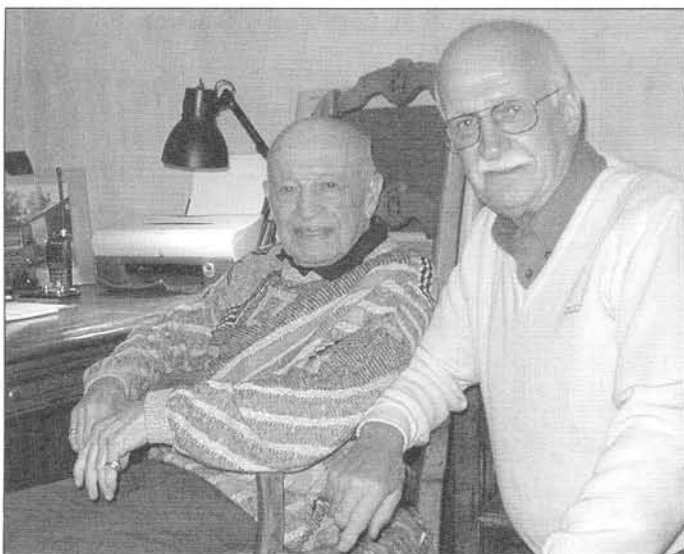
Well - it actually happened! On December 2, 2005 the International Space Station (ISS) contact took place between the kids at Ralph McCall School and Commander Bill McArthur, KC5ACR. See the feature article in this edition of the Journal for more on this. As well - you can read a brief story and see an additional picture on our website at http://www.qsl.net/ve6afo/iss_contact2005.html

Other than the ISS contact - things have been relatively quiet for Chapter 151. However - we are now in the year counting down toward QCWA Convention - 2006 to be held in Calgary, AB on September 28 - 30. As the hosting Chapter we will be working hard to make sure every person attending will enjoy meeting new and old friends alike. Great presentations, a Meet & Greet reception and Saturday banquet will round out this event. Did you know that the entire QCWA Board of Directors and Executives will be in attendance for you to meet and discuss the future of QCWA at the Annual Meeting of the members? Make plans now to make your journey to Calgary, AB!

Ken Oelke, VE6AFO, President

Chapter 154, Leo Meyerson, Greater Palm Springs (CA)

Leo Meyerson, W0GFQ, our Chapter namesake, returned to the area on December 1, 2005, from his Summer home in Omaha. He will be with us here in the Coachella Valley for four months. As you can see from the photo of he and Bill Burton, K8ZZO, the noted DXer, Leo remains in good health and great spirits. During March, 2006, the Chapter will join with him to celebrate his 95th birthday!



Leo Meyerson, W0GFQ, and Bill Burton, K8ZZO

During the November luncheon meeting, the Chapter held annual elections. The membership decided to return the 2005 officers for another year: Gene Pentecost, W4IMT, President; Emil Oana, K6LGI, Vice President; and Bill Dews, K6AWO, Secretary/Treasurer.

Gene Pentecost, W4IMT, President

Chapter 155, The Virginia Chapter (VA)

The Virginia Chapter held its fall meeting on October 9th at the Blue Ridge Cafe in Ruckersville, Virginia near Charlottesville. In attendance were Stan, K2SSB; Bob, W4RQ; Harry, W2HD; Bob, K4DU; Ernie, W2EIU and his wife Mella, W2HTJ. In the course of the meeting Emie Sardi, W2EIU, was honored for his stellar performance in the recent QCWA QSO Party and presented with a certificate recognizing his 55 years as a licensed amateur radio operator. The Chapter is considering other Chapter activities beyond the dinner meetings held for members and their significant others. All had a good time.

Bob Pattison, K4DU, Chapter Chairperson



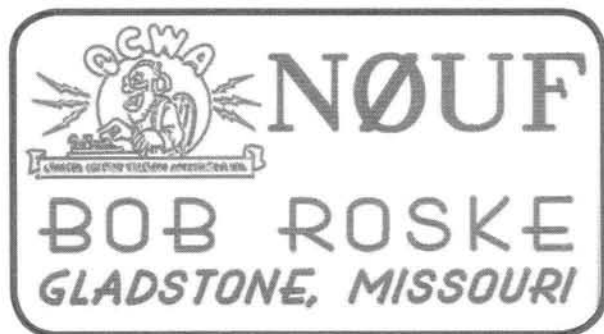
Emie Sardi, W2EIU, (on left) was honored for his stellar performance in the recent QCWA QSO Party and presented with a certificate recognizing his 55 years as a licensed amateur radio operator.

Chapter 162, Southeast Wisconsin (WI)

On Sunday, October 16, 2005 the Chapter membership gather at Bentley's American Grille in Racine's Marriott Hotel for our annual meeting, election and banquet. An outstanding buffet was enjoyed by all (especially knowing that the Chapter was picking up the entire luncheon cost). Following the meal, all participated in a hard fought election. When the

(continued on page 51)

Your Official QCWA Badge



We have an official QCWA Badge for you to wear at amateur functions. It is white with black. Above is an actual size reproduction. This badge is totally engraved (not 'hot pressed').

The order blank is printed below. The badge comes with a standard clip and a bolo clip. Additional cost options: Pocket Clip - Bolo Tie (specify color) - Magnetic Backing. Note: Badge cannot be ordered with both a pocket clip and Bolo clip.

QCWA Badge Order

Call _____

First Name _____

Last Name _____

Indicate whether you want your City/State or your Chapter name and Number as bottom line on badge.

1. City and State

2. Chapter Name and Number

Badge..... \$7.00

Pocket Clip - \$2.00.....

OR

Bola Ties - \$2.50.....

Bola tie color (circle one): Black, Blue, Brown, Green, Red, or White

OR

Magnetic Backing - \$2.50.....

Additional Postage for non-US delivery \$1.00

Total Cost.....

Complete in full and mail with your check to:

QCWA, PO Box 3247
Framingham, MA 01705-3247

Order Your Official QCWA QSL Cards Today!



QCWA QSL cards are USA standard size, printed on heavy stock which is "coated" (shiny) on the logo side. Ink is bright blue with light gold QCWA logo. You may have your call in either solid letters (above) or shadowed (right). If you want your county printed, include on the order blank. Indicate whether you want your state spelled out in full or printed with the standard postal abbreviation. Prices listed below include shipping.

Please print clearly or type your order.

ORDER YOUR QSL CARDS HERE

Call _____ ☐ Solid ☐ Shadowed

QCWA Member # _____

Name _____

Street/PO _____

County (optional) _____

City _____

State _____ ☐ Spell out ☐ Abbreviate

Zip _____ ☐ ARRL

Province/Country (if non-USA) _____

☐ 10 - 10 # _____ ☐ Grid Sq. _____

Quantity: ☐ 100 \$25.00 ☐ 200 \$35.00
☐ 300 \$45.00 ☐ 500 \$60.00
☐ 1000 \$90.00

Complete in full and mail with your check to:
QCWA, Inc., PO Box 3247, Framingham, MA 01705-3247

50th Annual QSO Party Rules

Rules for the 50th Annual QCWA QSO Parties

QCWA cordially invites all to participate in the 2006 QSO parties. All licensed Radio Amateurs world wide are invited.

Time/Dates: The Spring QSO party will commence on April 1, 2006 at 1800 Hrs UTC and will run for a period of 24 hours. The Fall QSO Party will be on September 16, 2006. CW, Phone and Digital modes may be used.

Frequencies: The following 15 Bands may be used:

1.8: 1.800 - 2.000	14.0: 14.000 - 14.150	28.3: 28.3 - 29.7
3.5: 3.500 - 3.750	14.2: 14.150 - 14.350	50.0: 50.0 - 54.0
3.9: 3.750 - 4.000	21.0: 21.000 - 21.200	144: 144.0 - 148.0
7.0: 7.000 - 7.150	21.2: 21.200 - 21.450	220: 220.0 - 225.0
7.2: 7.150 - 7.300	28.0: 28.000 - 28.300	UHF above 420 Mhz

Any station may be contacted on any or all of the 15 bands for a maximum of 15 QSO's per station, with no more than one QSO per Band. Any station in your home QCWA chapter may be counted only once, for a maximum of one QSO per station. No contacts on WARC bands are permitted (10, 18 and 24 Mhz Bands). No Cross Band or Repeater Contacts are allowed.

Suggested Starting Frequencies:

CW:	1.810	3.540:	7.035:	14.040:	21.050:	28.050
Phone:	1.845:	3.890:	7.244:	14.262:	21.365:	28.325

Calling (CW or Phone): CQ QCWA

INFORMATION EXCHANGE: Fill Columns on the Log Form. For the "year" column, indicate the last 2 digits of the year the station operator was first licensed. If the contacted station does not belong to a QCWA chapter, show only the State, Province or Country of its location. The latter would apply to Non QCWA members as well as to QCWA members who are not affiliated with a local chapter. **Do Not mention the term "At Large" (AL) as was done several years ago, as this can be confused with AL for Alabama.** For Band info, simply indicate one of the above 15 Bands in the "band" column.

MODES: You may choose to work all modes (MIXED) or only (PHONE) or only (CW/DIGITAL), which include both Morse and digital modes.

SCORING: Each Phone QSO is worth **one contact point**. Each CW QSO or other Digital Mode QSO such as RTTY, PSK31, MFSK etc. is worth **2 contact points** (show 2 points in the QSO Points Column on the Log). **A Multiplier of one point** is given for each QCWA Chapter worked and for each State, Province or Country reported from stations not belonging to a QCWA Chapter. A total of **only one** multiplier point will be given for each State, Province or Country. **A Multiplier of 3 points** will be given on each of the 15 Bands for working our Special Events Station **W2MM**. It is hoped to have this station active throughout the two parties. Stations within 50 miles (80 Kms) of W2MM, may work W2MM only once for a total multiplier of 3 points.

Sample logs and a summary sheet may be requested from QCWA Headquarters with an SASE.

The address is: **QCWA HEADQUARTERS, P.O. Box 3247, Framingham, MA 01705-3247**

Contacts with QCWA Memorial Station W2MM count as **three multipliers** on each of the 15 bands.

AWARDS: Certificates will be issued for the top 3 World Scores in each category. A certificate will also be issued for the top score in each category in each participating country.

SUMMARY PARAGRAPH In order to assist the log checker, please include, along with your logs, a Summary Paragraph as shown on page 45.

PHONE - QCWA September 2005 QSO Party

Call	Name	Chapter	QSO's	Multiplier	Total Score
W2EIU	Ernie	155	100	40	4000
K8ZZU	Jim	10	110	32	3520
VE3NPC	Clare	70	44	28	1232
KF5LO	Ted	72	30	16	480
W0YQY	Don	210	12	10	120
N4LD	Lew	195	10	11	110
W2AS	Al	45	7	9	63
VE3HKG	Frances	70	7	6	42
WQ6CWA	Chuck	213	5	6	30
W0HXL	Dick	210	5	2	10
K8IZK	Bob	0H	2	2	4
VE3CNA	Gord	73	1	1	1

MIXED - QCWA September 2005 QSO Party

Call	Name	Chapter	CW QSO's	Phone QSO's	Mixed Pts.	Multiplier	Tot. Score
W2MTA	Bill	28	79	79	237	67	15879
VE3CT	Croft	70	48	87	183	66	12078
K4BAI	John	GA	43	3	89	35	3115
VE3BNO	George	70	29	26	84	33	2772
W6IST	Al	7	21	7	49	23	1127
WB5STU	Dan	TX	14	7	35	23	805
K5WX	Keith	67	16	2	34	19	646
VE4AHZ	Jack	70	15	1	31	12	372
K0RY	Harvey	110	14	1	29	11	319
WA1PFC	John	112	7	1	15	7	105
W4AJT	Weldon	126	4	3	11	7	77
KA0BHO	Terry	110	2	5	9	5	45
W5GVP	Tom	72	3	2	8	5	40

Summary Paragraph : In order to assist the log checker, please include, along with your logs, a summary Paragraph as shown below.

QSO'S

CW Contacts (Digital) _____ X 2

Phone Contacts _____ X 1

Total Contact Points

Multipliers

Total Score = A x B

CONTACT POINTS

= _____

= _____

= _____ (A)

= _____ (B)

= _____

Send your log along with the above summary paragraph to the following address within 30 days of the QSO Party. All participants are encouraged to send in logs no matter how few or how many contacts you have made.

Send logs to: ARS:W20D Bob Buus, 8 Donner Street, Holmdel, NJ 07733-2004, USA or as an e-mail attachment to w20d@aol.com

CATEGORY CW () PHONE () MIXED ()

CW/DIGITAL - QCWA September 2005 QSO Party

Call	Name	Chapter	QSO's	Multiplier	Tot. Score
N6CMF	Phil	130	100	53	10600
K8FH	Fred	1	93	56	10416
K1AA	Norm	45	75	58	8700
W3CP	Jim	OR	79	49	7742
AB2N	Arnold	138	69	45	6210
K9VKY	Brian	6	45	36	3240
W3UHP	Ernie	6	34	28	1904
WA2YL	Jan	196	29	26	1508
W4TJE	Jack	126	30	25	1500
K8VFR	Rose	10	27	24	1296
HB9QA	Karl	106	26	20	1040
K9GDF	Rich	WI	20	17	680
W6HV	Troy	130	22	14	616
W4YE	Leland	202	17	15	510
N3WS	Walt	128	15	16	480
K3QC	Tad	196	15	15	450
W2BZY	Bob	45	16	13	416
K4HF	Chuck	126	15	13	390
K6SS	Len	130	16	12	384
W6HG	Hugh	130	14	10	280
W6MMG	Al	11	10	12	240
VA3ZBB	Rod	70	12	10	240
W8KYD	Ron	1	10	10	200
WA8MWA	Carolyn	120	10	8	160
W0DD	Ed	KS	9	7	126
VE3XK	Doug	70	6	6	72
W4AGI	Vic	202	6	6	72
W4YOK	Tom	PEI	4	4	32
VE3BBM	Ralph	70	3	3	18
VA3RKM	Bob	70	1	1	2

Memorial Scholarship Fund

<u>NAME</u>	<u>HONORING</u>	<u>NAME</u>	<u>HONORING</u>
CHAPTER 183	K1BXE	JOHN JOHNSTON	W3BE K3APM
CHAPTER 79	WA0SFI	CHAPTER 64	W5DTP
CHAPTER 70	CHAPTER SILENT KEYS	CHAPTER 119	SILENT KEYS
CHAPTER 38	W5LVE	CHAPTER 62	SILENT KEYS
CHAPTER 134	SILENT KEYS		

Certificate Winners: QCWA Fall QSO Party, September 17/18, 2005

<i>Call</i>	<i>Name</i>	<i>Location</i>	<i>Chapter</i>	<i>Rank</i>	<i>Category</i>
N6CMF	Phil Sedgewick	Yucaipa, CA	CH 130	Highest Score	CW/Digital
K8FH	Fred Helwig Jr	Columbus Stn, OH	CH 01	2nd Highest	CW/Digital
K1AA	Norman Gertz	Orlando, FL	CH 45	3rd Highest	CW/Digital
W2EIU	Earnest V. Sardi	Ruckersville, VA	CH 155	Highest Score	Phone
K8ZZU	James Sanford	Clarkstown, MI	CH 10	2nd Highest	Phone
VE3NPC	Clare Fowler	Ottawa, ON	CH 70	3rd Highest	Phone
W2MTA	William Thompson	Newark Valley, NY	CH 28	Highest Score	Mixed
VE3CT	Croft Taylor	Kanata, ON	CH 70	2nd Highest	Mixed
K4BAI	John Laney	Columbus, GA	GA	3rd Highest	Mixed
VA3ZBB	Rodney Newkirk	Ottawa, ON	CH 70	Highest	Canadian CWDigital
HB9QA	Karl DeMaddalena	Nuenchenbugsee	CH 106	Highest	Switzerland CW/Digital

CHAPTER PARTICIPATION: A total of 56 logs were submitted. Congratulations to the following chapters who had two or more members participating: Chapters 01, 06, 10, 45, 70, 72, 110, 126, 130, 196, 202 and 210. See what you can do to get your Chapter on the list.

MORE: W9HR and W9NVK operated W2MM for a non-competing score of 1650 points. Thanks Guys! And Marconi Chapter 138 gave their Secretary Bob Buus (W2OD) enough time off to check the submitted logs. Thanks Bob.

QSO PARTY NUMBER 50! Where has the time gone? Our 2006 Spring/Fall QSO party will be the fiftieth QSO party put on the air by the Quarter Century Wireless Association. Can you imagine the number of contacts made and words spoken and key strokes transmitted? Wow! We are considering special awards for the highest combined scores of the two (Spring & Fall) Parties so look for further news!



**VOTE for N0UF
QCWA President**

This is a paid advertisement

2006 QSO PARTY

Name:	Call:	Final Score:
-------	-------	--------------

Address: _____

Chapter #	QCWA Membership Number	Mode Entered (circle one)	MIXED	PHONE	CW/DIGITAL
-----------	------------------------	------------------------------	-------	-------	------------

[illegible]

later regretted.

The effort, housed in Building 26 of the NCR Dayton, Ohio, campus, eventually involved more than a thousand people, many of them WAVES. In July, 1943, Desch succeeded in designing a machine that could decipher four-wheel Enigma messages. More than 600 of the shipping-crate sized NCR Bombes were produced. They not only helped defeat the U-boats in the Atlantic but cracked as well the Japanese Navy codes.

The authors say the effort was a great success but achieved at great cost. NCR lost potential revenue and its leadership in electronic information processing to IBM. John Desch suffered emotionally from the extended work and constant Navy surveillance triggered by his German roots. Eventually he felt personally responsible for deciphering the message which allowed the U.S. Navy to sink the ship carrying Japanese Admiral Yamamoto. "There were people who were victims of the war who weren't just shot" one person commented. After the war Desch continued research on high-speed switching vacuum tubes. That technology was quickly overtaken by the transistor.

The story has not been told before because, surprisingly, nobody talked. Many, including Desch, carried the secret of their work to the end of their lives. I should mention that my father-in-law, Charles E. Stines, was chief inspector at NCR during this period. I asked him once what NCR had done during the war. He gave a vague answer about fuses for shells, the money lost on government work and a dislike of doing business with the Navy, but he did not mention the NCR Bombe. Did he work on it? If he did, like hundreds of others, he kept the secret.

Desch was awarded the National Medal of Merit for his contribution. Ironically, the citation accompanying the medal did not specify what he had done. The secret in building 26 was kept for fifty years. It's a great, sad story, well told.

The authors say ham radio was an important part of Desch's life after the war. If you are interested in finding out more about the German Enigma, Tom Perera, W1TP, has created a CD that contains a wealth of information. You can find it at: artifaxbooks.com. ■

Get Ready For Spring!

A Golf Shirt with a handsome reproduction of our classic Logo in Yellow and Black. This is a prominent way to identify yourself as a QCWA member at meetings, hamfests and conventions, or great for wearing at your local radio club.

The shirt has an embroidered QCWA logo and pocket on the left side. Your name and call can be added to the right side. The shirt fabric is 50/50 cotton/polyester blend and are made by Jerzees. The price includes prepaid delivery to your door.

SIZE CONVERSIONS:

34 - 36 = Small
38 - 40 = Medium
42 - 44 = Large
46 - 48 = XL
50 - 52 = XXL
54 - 56 = XXXL

PRICES:

Small, Medium, Large, Xtra Large	\$28.00
XX Large	\$30.00
XXX Large	\$32.00
XXXX Large (special order)	\$34.00
Name and call, per shirt	\$6.00

Golf Shirt With Embroidered Logo

Cotton/Polyester Made by Jerzee

Name _____

Call _____

Golf Shirt Size (Please circle proper size)

Small Medium Large Xtra Large.....	\$28.00
XX Large.....	\$30.00
XXX Large.....	\$32.00
XXXX Large (Available on special order).....	\$34.00

Number of Shirts _____

To include your name and Call.....\$6.00
per shirt.

Total Amount _____

(Includes shipping)

Quarter Century Wireless Assn. Inc. PO Box 3247 Framingham, MA 01705-3247
Phone: 508-405-1930 Fax: 508-405-1965 e-mail: qcwagm@rcn.com
Home Page: www.qcwa.org

MEMBER CLASSIFIED

FOR SALE: Heath Antenna Tuner, 5A-2040 3.5 - 30mhz. 2000 watts PEP, 1000watts, CW. Manual, mint \$245.00 W2Zn (480) 895-8898 email: mirko@ameri-on.com

WANTED: National NTE transmitter, SW-3 Universal (octal tubes), Knight 2 tube "DXer", home-brew receivers, particularly Radio & ARRL Handbook designs, Military R1444. John, KU6X, 2512 Euclid Crescent E. Upland, CA 91784, (909) 981-6759, Email: hurstsj@gte.net

WANTED: Swan WM-3000 wattmeter, ST-1 or ST-2/A antenna tuner; Yaesu YS-2000 antenna tuner, SP-6 or SP-8 speaker enclosure; Icom SM-20 desk microphone w/OPC-589 adapter. W3BRX@AOL.COM.

Please send classified ads to QCWA Journal, PO Box 3247, Framingham, MA 01705-3247, to arrive no later than 1 month prior to the publication deadline. Ads may also be faxed to 508-405-1965 or emailed to: qcwagm@rcn.com. Kindly limit ads to 25 words. Words are counted as follows: WANTED, FOR SALE, FREE, etc. count as 1 word; your address counts as six words.



Communicated by
Wireless - Amateur,
Commercial or
Military 40 years ago?
Licensed ham today?
OLD OLD TIMERS CLUB
3191 DARVANY DR
DALLAS TX 75220-1611
Phone: 214-352-4743
E-mail ootc@ootc.us
<http://www.ootc.us>

If you enjoy Amateur Radio, you'll enjoy CQ

Fun to read, interesting from cover to cover, written so you can understand it.

That's CQ. Read by thousands of people each month in 116 countries around the world.

It's more than just a magazine

CQ also sponsors fourteen world-famous award programs and contests.



Also available in the Spanish language edition. Write for rates and details.

	USA	VE/ZE	Foreign Air Post
1 Year	31.95	44.95	56.95
2 Years	57.95	83.95	107.95
3 Years	83.95	122.95	158.95

Please allow 6-8 weeks for delivery of first issue

CQ Communications, Inc.
25 Newbridge Road, Hicksville, NY 11801
Phone 516-681-2922 • FAX 516-681-2926

HEY! How did you hear about us?

When you buy amateur products
and they ask where you first
learned of their product, tell them
you saw it in the:

QCWA Journal

from MILLIWATTS to KILOWATTS™

Quality Transmitting & Audio Tubes

COMMUNICATIONS • BROADCAST • INDUSTRY • AMATEUR

3CPX800A7	3CX2500A3	4CX250R	4CX7500A	807	5888
3CPX5000A7	3CX2500F3	4CX350A	4CX10000A	810	6146B
3CW20000A7	3CX3000A7	4CX350F	4CX10000D	811A	7092
3CX100A5	3CX6000A7	4CX400A	4CX15000A	812A	3-500ZG
3CX400A7	3CX10000A7	4CX800A	4X150A	813	4-400A
3CX400U7	3CX15000A7	4CX1000A	YC-130	833A	M328 / TH328
3CX800A7	3CX20000A7	4CX1500A	YU-106	833C	M338 / TH338
3CX1200A7	4CX250B	4CX1500B	YU-108	845	M347 / TH347
3CX1200D7	4CX250BC	4CX3000A	YU-148	866-SS	M382
3CX1200Z7	4CX250BT	4CX3500A	YU-157	872A-SS	
3CX1500A7	4CX250FG	4CX5000A	572B	5867A	and more!

Immediate Shipment from Stock!

TMOS & GASFETS • Tubes & Sockets • HV Rectifiers
Transformers • Semiconductors • Wattmeters
Variable, Doorknob & Electrolytic Capacitors
RF Power Modules & Transistors

Orders Only:

800-RF-PARTS • 800-737-2787

Se Habla Español • We Export

Tech Help / Order / Info: 760-744-0700

Fax: 760-744-1943 or 888-744-1943

Send for your FREE Catalog or visit our
Online Catalog: www.rfparts.com

E-mail: rfp@rfparts.com



**RF PARTS
COMPANY**
From Milliwatts to Kilowatts™

435 S. Pacific St.,
San Marcos, CA
92078



(continued from page 42)



The 2006 Chapter 162 Board of Directors: standing L to R: Ken Knoff, N9NBC, Secretary/Treasurer; Chuck Knotek, W9GKM; Dick Kehl, WA9HOH; Gene Haney, WB9ZKY; sitting L to R: Dave Voss, WB9USI; Lloyd Gorsiski, WB9RGO, President; and Ron Fox, K9AKH, Vice-President.



Ken Knoff, N9NBC, and Ron Fox, K9AKH, with their matching Christmas ties!

smoke cleared and the ballots counted, seven Directors emerged to lead our Chapter through 2006: Ken Knoff, N9NBC; Chuck Knotek, W9GKM; Dick Kehl, WA9HOH; Gene Haney, WB9ZKY; Dave Voss, WB9USI; Lloyd Gorsiski, WB9RGO; and Ron Fox, K9AKH. Our 2006 Directors met separately and selected Lloyd Gorsiski, WB9RGO, as President; Ron Fox, K9AKH, as Vice-President; and Ken Knoff, N9NBC, as Secretary/Treasurer. Our congratulations to all candidates for running clean and well-organized campaigns.

Our annual Christmas party was held on December 4, 2005 at the Meadow's Restaurant in Franksville. Following the wonderful meal and some interesting and invigorating conversations, we all enjoyed a small gift exchange. Our 11th Annual presentation of the Olin Fox, K9AKG, Recognition of Excellence Award went to Ray Wolfe, K9RI, with the following verbiage: For his dedication to community service, emergency communications and the overall support of Amateur Radio, the Southeastern Wisconsin Chapter 162 of the

Quarter Century Wireless Association is proud and very pleased to present this award to Raymond Wolfe, K9RI. Ray is and has been Kenosha County's ARES Emergency Coordinator for many years; has served in most officer capacities of all the local radio clubs; provides without cost to his community, a 220 MHz repeater network for all to use; and is a founding and current board member of the Amateur Radio League of Wisconsin. Ray has helped set up and coordinate the Amateur Radio Explorer Post in Kenosha; and has established and hosted the monthly breakfast gatherings that currently meet at the Golden Coral Restaurant. We are most happy to recognize this year's unanimous selection. Congratulations Ray!

The year 2005 was also a banner year for Chapter recruitment and I would like to take this opportunity to welcome; Ron Crown, KA9JCP; Lawton Coontz, KB5RA; Gary Erickson, N9GE; Mark Swartout, NX1K; Kimbel Nap, W9NAP; Ted Orgish, WB9MVW; Karl Hansen, WB9UUD; Richard Levandowski, WH0AI and Raymond Wolfe, K9RI to our Chapter.

Larry McCalvy, WA9JMO

Chapter 165, York County (PA)

The Chapter 165 annual awards banquet and Christmas Party was held December 10, 2005 at Alexander's Restaurant in York, PA. There were 11 members and their ladies and 6 visitors in attendance. All 28 in attendance enjoyed the fine food and great service at Alexander's.

We had elected a new Chapter President and Director at our October meeting. Our outgoing President, Charles Arnold, W3PRG, had asked to be replaced due to his health. A new Director had to be elected to the Board due to the passing of one of our Directors George Adams, K3MJN. William Morgan, N3IW, was installed as our President and Robert



Charles Arnold (L), W3PRG, being presented with his 55 Year Service Award and the Meritorious Award by William Morgan, N3IW, Chapter President, for his service to the Chapter as President the past 4 years.

Hager, K3HOX, was installed as our new Director.

There were two awards presented by our new President at the banquet: Charles Arnold, W3PRG, was presented with his 55-Year-Service-Award and the Meritorious Award for his service to the Chapter as President the past 4 years. In addition John Zett, W3FLD, received his 50-Year Service Award at home; he was not able to attend the banquet.

All the ladies in attendance received a poinsettia plant as a Christmas gift from the Chapter. As has been our practice we invite the widows of the Silent Keys of our Chapter to attend this meeting and our annual family picnic in June. There were 6 widows at the banquet.

Our regular bi-monthly meetings are held at noon-time on the second Saturday of even-numbered months at Hoss's Restaurant and Sea House on White Street in York. The only exception is the annual family picnic which will be held on Saturday, June 17, 2006, at the Keystone VHF Club's pavilion on Deininger Road in York. This date is sandwiched between the VHF contest and Field Day. The Christmas party will be held at Alexander's again in 2006.

Our meetings are always open to prospective members and to visitors from other chapters.

Ray Shaub W3AXC, Secretary/Treasurer

Chapter 169, Sacramento Valley (CA)

After a few years at our meeting site, the restaurant informed us they would be closing, so we could no longer meet there. So, come January, 2006, we will be trying their sister restaurant which will be Carrows located at 2800 J Street, Sacramento. This is in the downtown area, at 28th & J, which has good access from Interstate 80. They also have plenty of adjacent parking.

During the quarter we had good presentations at the meetings. We saw a part of a PBS video on 'radio collecting'. The parts viewed were on radio collecting and a electronic museum. Then we had a DVD of a recent trip contestants had to contest from A61AJ in Dubai, United Arab Emirates. One part included sightseeing around Dubai and then a short part on the actual contest. Our third presentation was a video about old time 'ham' radio which had a portion showing famous DX 'ham' Don Wallace, W6AM.

We meet on the second Wednesday of the month. Formal meeting starts at 9 AM. Troops start gathering at 8:00 AM for the no-host breakfast. In 2006, we hope to meet at Carrows at 2800 J Street in Sacramento. To make sure of the meeting place or other information contact our President, Paul Wolf, W6RLP, at (916) 489-8112.

Gary Stilwell, KI6T, Secretary/Treasurer

Chapter 175, Oregon Coast (OR)

The rain storms are marching ashore here on the Oregon Coast as Winter sets in. Never a dull moment with flood warnings on the local rivers and other events setting off the NOAA SAME weather radio alarms at times.

This will be the last quarterly report from the current officers. Elections are scheduled in late January to put a new team in place. Armand Pilotte, W7IG, is the outgoing President and Carl Somdahl, W7LI, has served as our Secretary/Treasurer for the past 3 years. Both wish to thank all those who helped make this a successful Chapter since it was chartered in 1990. Carl was very pleased to receive a special QCWA Meritorious Award from the Chapter for his efforts and services to the Association.

The Oregon Coast Chapter meets every two months for a luncheon at the Surfrider Resort north of Depoe Bay. This is usually on one of the last Saturdays of the month at 1 p.m. The luncheons are fun and informal with an outstanding window view out over the Pacific Ocean.

Carl Somdahl, W7LI, Secretary/Treasurer

Chapter 196, Edison Chapter, Cape Coral (FL)

The most gratifying and appreciated functions of our Organization is to try to help licensed amateur radio operators who are also college students in a monetary way with their costs of a higher education. Chapter 196 Secretary, Jan Scheuerman, WA2YL, and I have had the pleasure to get to know a young ham who is pursuing a graduate degree. Jan and I are both impressed with the efforts and accomplishments of this young individual.

The application process and deadlines for these annual scholarships should be known to all QCWA members so prompt considerations can be made for students while they are still in college. Jan and I are proud to inform all licensed students of this most generous Scholarship Program offered by the QCWA. We hope to advise all members in the near future of the outcome of our efforts on behalf of a deserving student.

As the weather cools in the northern states our luncheon visitor count increases. Chapter 196 has always enjoyed friends from other cities. Sadly I report that a founding charter member of our Chapter has become a Silent Key. Mike Loria, K4CD, of Fort Myers, Florida will be missed dearly.

Tad Burik, K3QC, President

Chapter 205, Eastern Indiana (IN)

Our Chapter has been meeting at a local restaurant for a while so for a change our December 17, 2005, meeting was held at the local VFW at 8 a.m. Following a nice breakfast, our monthly meeting was conducted by Herb McAdams, N9XC, Chapter President and founder.

Our Chapter Secretary, John Strain, W9MIU has moved to Tennessee and we will greatly miss him. John has worked hard for our Chapter sending in our Chapter reports and being active in QCWA nets. John has been licensed for over fifty years and we wish him well. We are betting if he doesn't find a QCWA Chapter there that he will be starting one soon.

Chapter member Horace "Smithy" Smith (W9PPD) and his wife Vera, W9FYJ, were present. Smithy has been licensed for over fifty years and spoke about his early years with radios. Fred Adelsperger, W9PBY and his wife, Ruth, were also present. Fred is very active in amateur radio and celebrated his eighty-sixth birthday on Christmas Day. Steve Shank, KB9HQX, was recognized for his forty years employment with a local radio station. Our Mayor, last month, proclaimed Steve Shank Day in his honor. Mike Chambers, W1IDX, also was recognized for the 2005 Ham of the Year by a local club and Ron Steir, W9ICZ, who has been licensed for over fifty years, for being elected to Vice President of the local American Red Cross Chapter.

Our club continues to grow and our 2006 focus will be on recruiting new members and being involved with community projects where we can. We have also started an E-mail newsletter for area amateurs to read about our Chapter.

Mike Chambers, W1IDX, Vice-President

Chapter 213, Fresno (CA)

The Chapter 213 webpage on www.qcwa.org/chapter213.htm has pictures from our September meeting. It shows the new version of the QCWA banner. Our Chapter now has 44 members. Our meetings are a social time for experienced Amateurs. Chapter officers for 2006 are President, Mike Bavoso, W6YDE; Vice President, Pat Fennacy, W6YEP; Secretary/Treasurer, Charles McConnell, W6DPD; and Directors: Perry Foster, K6XJ, and Stan Nielsen, K6SHN. The Chapter had a special meeting at the Acapulco Restaurant for December. We had a prize drawing. The Chapter celebrated its 2nd anniversary on Feb. 4, 2006.

Charles McConnell, W6DPD, Secretary/Treasurer

Amateur Radio Cruise

7 Night Eastern Caribbean from
Fort Lauderdale, FL, Sail 12/3/06
Aboard the Caribbean Princess

- Maritime Mobile 24/7—Be DX
- Seminars, DX & Technical
- Prize drawings, parties
- All the amenities of cruising

For more information, visit
www.hamradiocruise2006.com
or email Vernon Fix at: w4thn@arrl.net

Chapter 214, Bluegrass (KY)

The Chapter held its' annual meeting on November 10, 2005 at the Golden Corral in Ashland, Kentucky. After an intermission in meetings for the Summer and early Fall the Chapter is back and active. Elections were held with President Matt Tinker, W9PW presiding. The new officers elected for 2006 -2007 are Dave Vest, KZ4G, President and Matt Tinker, W9PW, Chapter Secretary. Members enjoyed an evening of fine food and catching up on events from the past few months. Members attending besides Dave and Matt were Pete Stark, K4OM, and Roger Castle, K4QYK. Dave Comstock, W8HYX, is still recovering from some health problems. A December (holiday) meeting is in the works for members and their families. Everyone had a great time and caught up on activities, trips, vacations and of course HAM RADIO! The Chapter spent some time on the new proposed NO CODE license structure from the FCC. The Chapter did not see any problem with the restructure, but felt it was very important to see that the Extra Class still had a CW requirement and an upgraded theory exam. We are looking forward to some new members in the coming months, and anticipate larger meetings. If anyone in the area would like to join us please give us a call at 606-324-8752.

Matt Tinker, W9PW, Chapter Secretary

SILENT KEYS SILENT KEYS SILENT KEYS SILENT KEYS

With great sadness we record the passing of these members

NAME	CALL	MEM. #	L	SK	CITY	ST/PR
BERWALD, DEXTER	K2SBQ	15797	L	2005	OWEGO	NY
BOYNTON, WALTER H	W1AYI	08083	L	2005	W ROXBURY	MA
CRYDERMAN, W DALE	N8EIZ	26227		2005	SPRING ARBOR	MI
DILLMAN, FRANCES L	K7TWD	20202		2005	EUGENE	OR
DODD, FRANK C	WA0SFI	25600		2005	WICHITA	KS
DUNSMORE, JOHN J	W5DTP	14870		2005	EL PASO	TX
EATON, RICHARD C	W2SBI	05192		2005	FAYETTEVILLE	NY
FEIGLEY, C E	W3ATQ	03650	L	2005	STEPHENS CITY	VA
GILLETTE, RICHARD	WA0ZDQ	28314		2005	OMAHA	NE
HARTWELL, WARD JAMES	K7GGQ	24355		2005	YAKIMA	WA
HARVEY, LAURENCE A	N6LY	08154	L	2005	GOLD RIVER	CA
HEINZ, O R III	W7HO	14102	L	2005	RENO	NV
JONES, JORDAN A	W5CF	07198		2005	FORT WORTH	TX
LEISY, C R	W4OOH	17275		2005	MELBOURNE	FL
MELLEN, CHARLES	W1FH	13109		2005	BOSTON	MA
MILATZ, HERMAN F	W2TLC	20354		2005	MERRICK	NY
MUNNELL, JOHN W	W3HSR	21251		2005	YORK	PA
OSBORNE, CLIFTON E	W7MFG	08097	L	2005	TACOMA	WA
PISTONE, CHARLES A	W8PFH	19994		2005	MAYFIELD HEIGHTS	OH
ROBERTS, EARL E	W0DDZ	32677		2005	FENTON	MO
RUSE, LAYTON N	W4VBQ	19733		2005	MIAMI	FL
SHANDS, GEORGE H	W9WUU	28048		2005	MADISON	WI
SHEPARD, CHESTER	K1OEW	18422		2005	LEEDS	ME
SQUIRE, JOHN A	K3UPC	20812	L	2005	KANSAS CITY	MO
THARP, JOHN H	W7JHR	11088		2005	ELLENSBURG	WA
TURNPAUGH, EDWARD	K4MAV	16535		2005	MIAMI	FL
VERSCHUYL, RONALD	K7AAE	32111		2005	WOODINVILLE	WA
WAITE, RICHARD R	W6MJO	23333		2005	SAN RAFAEL	CA
WILLIAMSON, DONALD E	K4HVI	16417	L	2005	MIAMI	FL
WOODS, WALTER A	W0KUX	29779		2005	EAGLE BUTTE	SD
YOUNG, J L	W7JL	03867	L	2005	NAMPA	ID

Correction and apology: Because of technical difficulties with the database and from receiving misinformation the Journal incorrectly listed two members as Silent Keys: Murrell, William, AD4DN. We would like to formally apologize to William Murrell, AD4DN and Kevin Arber, W3DAD for this incorrect listing. We are striving to keep this problem in check and to avoid any additional incorrect listings.



QUARTER CENTURY WIRELESS ASSOCIATION, INC.

P.O. Box 3247, Framingham, MA 01705-3247

508-405-1930

Fax: 508-405-1965



This form for use by all U.S. Applicants
for membership in QCWA.

Dues Effective 4/1/96

For Official Use Only

Membership No. _____

Date _____

First Licensed Year _____

Deposit Record _____

New Application? _____

Renewal? _____

Original QCWA No. _____

I, _____, _____
(Print Name Clearly) Present Call _____

having been licensed as an amateur for 25 years or more and presently holding the call listed above
(it is not necessary to have been licensed the entire 25 years) hereby apply for membership in QCWA.
I understand that proof of the original date of licensing is required. My complete mailing address is :

Street Number and Name _____ City _____ State _____ Zip Code _____

E-Mail Address _____ Telephone Number _____

I will keep QCWA Headquarters advised of changes in my address and/or call sign. My first Amateur
license was dated _____ and the Call was _____ Other Calls held _____

Date of Birth _____ Birthplace _____

I wish to become affiliated with QCWA Chapter _____

Your Signature _____

SCHEDULE OF MEMBERSHIP FEES

Select one of the following plans

Members

Family

QCWA Dues for a one-year period

\$20.00

QCWA Dues for a two-year period

\$35.00

QCWA Dues for a three-year period

\$50.00

\$12.00

QCWA Life Membership

\$300.00

\$90.00

Payable in 3 equal installments

of \$105.00 each, in a one-year period

\$315.00

\$105.00

(3 pay of \$35.00)

INITIAL REGISTRATION FEE, ALL NEW MEMBERS

\$3.00

Gold membership pins available, your call engraved, no year tags. Check fastener.

Tie-tac _____, Screw button _____, Safety pin _____ \$10.00 each

Year tag pins: 25, 30, 35, 40, 45, 50, 55, 60, 70, 75 or 80 tie-tac only \$15.00 each
Total _____

Proposed by _____ Call _____ No. _____

07/05



IC-756PROIII

Did you log K7C?

The K7C DX'pedition to Kure Atoll is over. Operators logged over 50,000 Q's from all over the world. The radio of choice for this DX'pedition? Icom's '756PROIII. The '756PRO series was the first rig with 32-bit floating point IF-DSP. The first amateur rig with a large, TFT color LCD. In keeping with tradition, the PROIII pushes the envelope, extending receiver performance to a +30dBm third order intercept point (TOI) — a first in this price range! Two new '7800-style preamplifiers maximize sensitivity while minimizing distortion. It's no wonder Icom's PRO series rigs have been a part of some of the best DX'peditions. Find out for yourself from your authorized Icom dealer.

"The K7C operation faced two very difficult challenges: weak propagation at the sunspot minimum and marginal propagation to Europe. The 756PROIIIs easily made the difference between success and failure under these marginal conditions, enabling the operators to routinely locate, and work, calls at, and sometimes below, the average noise level. Without the superior capabilities of the 756PROIIIs, the K7C log would undoubtedly have been ten or twenty thousand QSOs shorter."

- Robert Schmieder, KK6EK



"The IC-756PROIIIs proved to be reliable and straightforward to use. The operating positions were frequently over 100 degrees and the radios were often running at maximum power for extended periods of time - yet we had no failures nor did they ever even seem to get hot. The receivers were particularly good at handling a pileup. Instead of turning the many signals into mush, the signals remained distinct and easy to copy." - Ward Silver, NØAX

DXA allowed DXers, for the first time, to view the current status and activities of the DX'pedition in near real-time. When K7C went QRV, there were 156,000 people logged onto DXA. On the average, during the entire operation, an average of 18,000 hams were watching DXA. By the time K7C went QRT, the DXA Website had sustained 80 million hits!



IC-756PROIII • TX: HF + 6M • 100W, continually adjustable down to 5W • Adjustable SSB TX bandwidth • Digital voice recorder • Auto antenna tuner
• RX: 30 kHz to 60 MHz • Quiet, triple-conversion receiver • 32 bit IF-DSP with 24-bit A/D D/A converters • 64 MHz roofing filter • 5" TFT color LCD • 8 Channel RTTY TX memory • Digital twin passband tuning • Auto or manual-adjust notch with 70 dB attenuation • 13.4" W x 4.4" H x 11.2" D • 21.1 lb • And much more



AMATEUR

| AVIONIC

| LAND MOBILE

| MARINE

| RECEIVERS

| WWW.ICOMAMERICA.COM

ICOM

